

DX LISTENING DIGEST 6-048, March 20, 2006
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

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NEXT SW AIRING OF WORLD OF RADIO 1308:
Wed 1030 WWCW 9985

Full schedule, including AM, FM, satellite and internet, with hotlinks to station sites and audio: <http://www.worldofradio.com/radioskd.html>

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DXLD YAHOOGROUP: Why wait for DXLD? A lot more info, not all of it appearing in DXLD later, is posted at our yg. When applying, please identify yourself with your real name and location. Here's where to sign up <http://groups.yahoo.com/group/dxld/>

** ALGERIA. 1422, RTA (several channels), Ouled Fayet, is being talked about these days possibly because of a major power increase; their signal here in SW Europe is about the same as ever, viz. about the same as the other dominant station on the channel, DLF Heusweiler, to a point that both alternate with approx. the same signal level

evenings; some days, ALG dominate for more time, others it's D that puts the best signal during most of the time. Of course, this has to do with distance and frequency, not merely power. Yesterday, 19 Mar, RTA 1422 & 252 were only noted parallel, say, around 2145, but not so at 1915 (Carlos Gonçalves, Portugal, DX LISTENING DIGEST)

** ARMENIA. Public Radio of Armenia verified my report early March this year. Enclosed were of course the QSL card and special verification letter written by general Director Armen Amirian and their most recent schedule. They were pleased to hear that I have an opportunity to watch their TV channel 1 via Hotbird in addition to the shortwave reception.

Public radio of Armenia from Yerevan broadcasts in English as follows (times UT, frequencies kHz): 1910-1930 4810, 9965 days 1-6
German: 1850-1910 4810, 9965 days 1-6
They have their Internet Website at: <http://www.armradio.am>
(Jukka Kinkamo, UK? Finland? DX LISTENING DIGEST)

Unfortunately, their own website is wrong, as English has been widely reported lately at 2010-2030 UT; maybe an hour earlier for A06? (gh)

** AUSTRALIA. RADIO AUSTRALIA RELAYING ABC FAR NORTH ON SHORTWAVE FOR CYCLONE LARRY COVERAGE

I'm listening to the stream of ABC Far North for their coverage of Cyclone Larry. They just had the acting Manager of ABC on to say that Radio Australia is now relaying the coverage for those that have lost local transmitters. Frequencies are 11650 kHz 7 am-7 pm (2100-0900 UT), and 6020 kHz 7 pm-7 am (0900-2100) UT (Wade Smith, New Brunswick, 0031 UT March 20, dxldyg via DX LISTENING DIGEST)

Far North Queensland, that is, as in
<http://www.abc.net.au/news/newsitems/200603/s1595585.htm>
(via Mike Terry, ibid.)

Two feeds are available featuring coverage of Tropical Cyclone Larry currently hitting Northern Queensland, Australia. The Northern Queensland Service of the ABC is currently available via the Coast FM internet stream <http://www.abc.net.au/radio/localaudio.htm> and click on the Coast FM link. Alternatively, the domestic radio service is currently available via Shortwave on 11650 kHz (Paul, NZ, 0218 UT March 20, HCDX via DXLD)

ABC Local Radio Queensland program with Cyclone coverage. Good reception on 6020 at 1130 UT March 20, 2006 (Wade Smith, New Brunswick, ibid.) Heard here too around 1330 (gh, OK, DXLD)

Radio Australia / cyclone On March 18th, Radio Australia had news items about tropical cyclone Larry and its expected impact on the Queensland. On the 19th, at 1200 UTC there are warnings for the coast near Cairns, with expected winds of 120-170 km/h and tidal surges of up to 2 meters in low lying areas. High tide early Monday morning is likely to coincide with strongest winds and landfall. This is a category 4 storm, the strongest to hit the region in a number of years, The coverage on Radio Australia is quite informative, announcing evacuation centers, urging evacuation, and so on (Roger Chambers, Utica, New York, March 19, ODXA via DXLD)

** AUSTRALIA [non]. ABC A-06 via VT Merlin: [means R. Australia]

freq	sttim	sptim	days	site	pwr	brg	lang	target
6120	0000	0030	smtwtfs	Singapore	250	140	Indonesian	SE AS
21780	0400	0430	smtwtfs	Dhabbaya	250	120	Indonesian	SE AS
11920	0500	0530	smtwtfs	Singapore	250	13	Khmer	SE AS
11920	0530	0600	smtwtfs	Singapore	250	13	Vietnamese	SE AS
11550	0900	0930	smtwtfs	Taipei	250	205	Indonesian	SE AS
12010	1300	1430	smtwtfs	Singapore	100	13	Mandarin	CHN
9770	1430	1500	.....s	Rampisham	40	95	English	W EUR
11550	2130	2330	smtwtfs	Taipei	250	205	Indonesian	SE AS
9720	2300	2330	smtwtfs	Singapore	100	13	Khmer	SE AS
15110	2330	2400	smtwtfs	Taipei	250	225	Vietnamese	SE AS

(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06 schedule in dxldyg via DXLD) Many others follow under the country of origin; all are in time order even tho frequency appears first! Alok says he received this version on March 9; watch for revisions (gh)

** BRAZIL. Still re the recently sent stuff on Brazil's R. Guaruj· (Paulista), Guaruj· SP, the typical "identificaÁoes" on air only mention 3 of all the actually used frequencies, and does not fully match what's visible right on top of <http://www.radioguarujaam.com.br> where 3385 is listed instead:

ZYK 590 - 1550 kHz, maybe in Guaruj· itself or in Santos SP
 ZYG 860 - 3235 kHz, tx in Marília SP
 ZYG 850 - 5045 kHz, tx in Presidente Prudente SP
 ... SP standing for S.,o Paulo
 (Carlos GonÁalves, Portugal, March 20, DX LISTENING DIGEST)

** CANADA. Re 6-047, the 21m RCI frequency in the mornings 13-16 was indeed originally shown as 13665 instead of the present 13655, but now we see in the pdf at http://www.rcinet.ca/rci/PDF/A06_SW.pdf and also the Week of Confusion schedule 14-17 it's back to 13655. Perhaps 13665 was a typo in the first place? (Glenn Hauser, DX LISTENING DIGEST)

** CHINA [non]. CRI A-06 via VT:

9745 0000 0100 smtwtf Bonaire 250 290 Spanish C AM
17625 1100 1200 smtwtf Santiago 100 45 Portuguese S Am
17625 1200 1300 smtwtf Santiago 100 45 Chinese S Am
17625 1300 1400 smtwtf Santiago 100 45 English S Am
6100 1500 1800 smtwtf Meyerton 100 0 English S AF
6100 1800 1900 smtwtf Meyerton 100 0 Chinese S AF
11690 2100 2200 smtwtf Santiago 100 45 Portuguese S Am
(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06
schedule in dxldyg via DXLD)

** COLOMBIA [and non]. Another check of 49m for Colombians, March 20 at 0610 found nothing on 6140 or 5910, but on 6010 I was getting a mix: R. Mil, Mexico, must have been the one with a 12:11 timecheck at 0611, but another station roughly 170 Hz away causing an annoying het soon overtook it with Spanish preacher, so that would be LV de tu Conciencia (Glenn Hauser, OK, DX LISTENING DIGEST)

** COSTA RICA. 7375, University Network, Cahuita, 0520 3/19, appeared to have spur 7372.7, both main and spur strong, but audio from the strong-willed Dr. Gene Scott very much undermodulated (John Callarman, Krum TX, ABDX via DXLD)

** EUROPE. 6220, Laser Hot Hits, UK site?, 1436-1512, 19 Mar, English, music & songs; 35343.

6275, Laser Hot Hits, UK site?, 2355-0014, 18 Mar, English, music, the usual Merlin, ON Canada, address announcement; 35433; inaudible on // 4025.3, 6220, 6285, 7459.6 or 9385 (as observed). Their webpage, <http://freeweb.telco4u.net/nogs/laser/frame1.htm> currently lists 6220, 7415, 9390, 4025 & 6275, adds that 6380 & 6240 are relays via Jolly Roger R. and explains why some minor frequency changes took place, e.g. 9385-9390.

7414.9, Laser Hot Hits, UK site?, 1247-1445, 19 Mar, English, music, announcements; 35332; // 6220, 6275 (Carlos Gonçalves, Portugal, DX LISTENING DIGEST)

** FRANCE [non]. Ran across RFI via Guiana French, 17860, Sunday March 19 at 1357 wrapping up Kriyol, not French! with address and web info. But checking http://www.rfi.fr/langues/statiques/rfi_creole.asp the only Kriyol is Sundays at 0900-0930 GMT on 17860, 15515! I doubt this was ever correct, as that's really too early for such high frequencies. Currently, in fact at 0900 on 17860 one would hear West Africa Democracy Radio for Senegal.

WRTH 2006 shows RFI Creole is now daily at 1330-1400 on 17860 only,

which is exactly when and where I heard it (Glenn Hauser, OK, DX LISTENING DIGEST)

** FRANCE [non]. RFI A-06 via VT:

7150	0400	0500	smtwtfs	Ascension	250	114	French	S	AF
15210	0400	0600	smtwtfs	Dhabbaya	250	255	French	E	C AF
9570	0600	0630	smtwtfs	Ascension	250	27	English	W	AF
17770	0600	0657	smtwtfs	Kigali	250	280	French	C	AF
9570	0630	0700	smtwtfs	Ascension	250	27	French	W	AF
17815	1200	1230	smtwtfs	Ascension	250	27	English	W	AF
9770	1400	1430	.....f.	Rampisham	40	95	English	W	EUR
6020	1600	1630	smtwtfs	Duchanbe	200	180	Pashto	W	AS
6030	1600	1630	smtwtfs	Dhabbaya	250	45	Pashto	ME	
6010	1700	1800	smtwtfs	Dhabbaya	250	340	Pashto	ME	
5995	1700	1800	smtwtfs	Tashkent	100	255	Pashto	ME	

(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06 schedule in dxldyg via DXLD)

** GREECE. Glenn: Here are the specs for Avlis 1 and 2 transmitters in Avlis -- Marconi B 6123: <http://www.transmitter.be/mar-b6123.html>
Regards, (John Babbis, Silver Spring, MD, DX LISTENING DIGEST)

** INDONESIA. 9743.4, 13.3 0730, Sorong weak the latest days, heard last year about the same time. 1- 2 LRH (Leif RÅh%ll, Sweden, SW Bulletin March 19, translated by editor Thomas Nilsson for DX LISTENING DIGEST)

** INTERNATIONAL. AWR A-06 via VT:

15445	0100	0200	.....s	Taipei	100	250	Vietnamese	SE	AS
11710	0300	0330	smtwtfs	Dhabbaya	250	225	Orominya	E	AF
11975	0300	0330	smtwtfs	Dhabbaya	250	230	Tigrinya	E	AF
11975	0330	0400	smtwtfs	Dhabbaya	250	230	Amharic	E	AF
15140	1200	1230	smtwtfs	Dhabbaya	250	85	English	S	AS
15140	1230	1300	smtwtfs	Dhabbaya	250	85	Bangla	S	AS
15320	1300	1500	.mtwtf.	Dhabbaya	250	60	Mandarin	W	CHN
15320	1300	1330	s.....s	Dhabbaya	250	60	Uyghur	W	CHN
15320	1330	1500	s.....s	Dhabbaya	250	60	Mandarin	W	CHN
11795	1400	1500	smtwtfs	Taipei	100	250	Vietnamese	SE	AS
15265	1500	1530	smtwtfs	Dhabbaya	250	75	Punjabi	S	AS
15225	1500	1530	smtwtfs	Dhabbaya	250	75	Nepali	S	AS
15265	1530	1600	smtwtfs	Dhabbaya	250	75	Hindi	S	AS
15225	1530	1600	smtwtfs	Dhabbaya	250	75	English	S	AS
15460	1630	1700	smtwtfs	Dhabbaya	250	225	Somali	E	AF
11710	1730	1800	smtwtfs	Dhabbaya	250	225	Orominya	E	AF

(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06 schedule in dxldyg via DXLD) Not including their own KSDA, natch

** IRAN [and non]. SATELLITE TV BRINGS IRAN A SENSE OF THE RIDICULOUS
By Najmeh Bozorgmehr Financial Times (UK) January 24, 2006 -- UT 02:00
<http://news.ft.com/cms/s/bb2c3cf8-8c7f-11da-9efb-0000779e2340.html>

TEHRAN -- "The regime has closed Sobh-e Barareh [the Barareh Morning News] newspaper, killing Hashem, its top journalist, leaving his face mutilated beyond recognition," says an excited phone caller from Iran to a U.S.-based opposition TV channel. Even before the nuclear stand-off of the past two weeks, it was a story guaranteed to inflame anti-Tehran feelings.

Behrouz Sour-e Esrafil, the news anchor on the U.S.-based channel called Azadi, explains that this typifies Iran's horrific treatment of journalists, blissfully unaware that "Barareh" is the name of a fictitious village in Iran's best known comic soap opera. . .
<http://www.ufppc.org/content/view/3998/2/>
(via Mike Cooper, DXLD)

** IRAN. IRAN abandons summer time --- Iran had been due to introduce summer time at midnight local tonight (2030 GMT 20 March), coinciding with the start of New Year 1385. But the Iranian cabinet made a last-minute decision yesterday not to do so. Iran had been experimenting with summer time since 1991 (Chris Greenway, UK, dxldyg via DX LISTENING DIGEST)

In retaliation, summer AND time both abandoned Iran (John Figliozzi, ibid.)

** IRAN. IRIB sent a greetings card in which there is a picture of Shiraz - Hafez shrine. Enclosed was their B2005 schedule. IRIB sends in English as follows: All times UT, frequencies in kHz

1030-1130 UT:

15460, 15480 Indian Subcontinent, Pakistan & Kashmir
702 Rep. of Azerbaijan
765 Pakistan

1530-1630 UT:

7330, 9940 Indian Subcontinent

1930-2030 UT:

7320, 6010 Europe
11695, 9855 South Africa

0130-0230 UT:

9665, 6120 North America (Voice of Justice)

They have also German language transmissions as follows:

0730-0830 15085, 17590
1730-1830 6215, 7185

Several other languages are also broadcast by IRIB. Their main Website is <http://www.trib.ir> and they have also English language alternative Website <http://english.trib.ir>

Contact information is according to the letter:

IRIB World Service
P. O. Box 19395-6767
Tehran, Iran (I.R.)
(Jukka Kinkamo, UK? Finland? DX LISTENING DIGEST)

** ITALY [non]. RAI A-06 via VT:

6110 0130 0230 smtwtf Ascension 250 235 Italian S AM
11765 0130 0230 smtwtf Ascension 250 295 Italian C AM
11920 1000 1100 smtwtf Singapore 250 140 Italian OC
15320 1700 1800 smtwtf Ascension 250 100 Italian AF
(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06
schedule in dxldyg via DXLD)

** JAPAN [non]. NHK A-06 via VT:

5960 0100 0200 smtwtf Rampisham 500 115 English W EUR
11860 0100 0200 smtwtf Singapore 250 340 English SE AS
11860 0200 0300 smtwtf Singapore 250 340 Japanese SE AS
6135 0330 0400 smtwtf Ascension 250 85 Swahili AF
5975 0500 0600 smtwtf Rampisham 500 140 English W EUR
7230 0500 0700 smtwtf Woofferton 300 70 English EUR
11740 0600 0700 smtwtf Singapore 250 1 English SE AS
15220 0700 0730 smtwtf Ascension 250 27 Arabic N AF
11920 0700 1000 smtwtf Singapore 250 140 Japanese OC
11740 0700 1000 smtwtf Singapore 250 1 Japanese SE AS
17650 0800 1000 smtwtf Ascension 250 27 Japanese AF
17720 0800 1000 smtwtf Dhabbaya 500 285 Japanese ME
11710 0800 1000 smtwtf Skelton 300 70 Japanese EUR
17585 1000 1100 smtwtf Dhabbaya 500 315 English SE EUR
17720 1000 1100 smtwtf Dhabbaya 500 285 English ME
11740 1030 1100 smtwtf Singapore 250 1 Burmese SE AS
11710 1100 1130 smtwtf Skelton 300 70 German EUR
9660 1100 1130 smtwtf Skelton 300 110 German W EUR
11710 1130 1200 smtwtf Skelton 300 70 Russian EUR
11740 1130 1200 smtwtf Singapore 250 1 Thai SE AS
17560 1200 1215 smtwtf Rampisham 500 115 Arabic ME
11740 1200 1230 smtwtf Singapore 250 1 Chinese SE AS
17870 1230 1330 smtwtf Ascension 250 85 French AF

15400	1230	1300	smtwtfs	Ascension	250	27	French	AF
11740	1230	1300	smtwtfs	Singapore	250	1	Vietnamese	SE AS
21630	1500	1600	smtwtfs	Ascension	250	85	Japanese	AF
12045	1500	1700	smtwtfs	Singapore	250	315	Japanese	S AS
21630	1600	1700	smtwtfs	Ascension	250	85	Japanese	AF
9770	1600	1700	.....f.	Rampisham	40	95	English	W EUR
13740	1700	1900	smtwtfs	Dhabbaya	500	285	Japanese	ME
9750	1700	1800	smtwtfs	Rampisham	500	62	Japanese	EUR
6175	1700	1900	smtwtfs	Skelton	250	150	Japanese	W EUR
12045	1700	1800	smtwtfs	Singapore	250	315	Japanese	S AS
6035	1900	2000	smtwtfs	Singapore	250	140	Japanese	OC
6035	2000	2100	smtwtfs	Singapore	250	140	Japanese	OC
11855	2100	2200	smtwtfs	Ascension	250	85	English	AF
6180	2100	2200	smtwtfs	Skelton	300	70	English	EUR
6055	2100	2200	smtwtfs	Skelton	300	140	English	W EUR
6035	2100	2200	smtwtfs	Singapore	250	140	English	OC
15220	2200	2300	smtwtfs	Ascension	250	235	Japanese	S AM
9650	2200	2300	smtwtfs	Dhabbaya	500	285	Japanese	ME
6115	2200	2300	smtwtfs	Skelton	300	125	Japanese	W EUR

(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06
schedule in dxldyg via DXLD)

Just for the sake of confusion, note that RCI relays via Sackville are not in the VT schedule, nor are any others in this version. I thought Merlin was or had been involved in Sackville relays. Could be they still are, but due to excessive and unnecessary secrecy at RCI about relays, this info has been censored (Glenn Hauser, DXLD)

** LATVIA. LRC A-06: 9290 0000 2400 smtwtfs 100 250 Unknown W EUR
(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06
schedule in dxldyg via DXLD) That covers all the usage of this relay
by a variety of private/pirate stations. Note the 250 degree azimuth,
as we have pointed out before, towards UK and Brazil, accounting for
poor reception in NAM (Glenn Hauser, OK, DX LISTENING DIGEST)

** LIBYA [non]. CLANDESTINA, 17680, Sawt Al-amal, 1200-1212, escuchada
el 19 de Marzo en ·rabe con sintonía e identificaciûn "Sawt Al-amal",
segmento musical y canto del Cor`·n; a las 1207 se inicia se0al
pulsante de interferencia y a las 1210 se aprecia que Sawt Al-amal
est· anulada por completo, SINPO 44454 (JosÉ Miguel Romero, EA5-1022,
Burjasot (Valencia), Espa0a, dxldyg via DX LISTENING DIGEST)

** MEXICO [non?]. Any thoughts as to exactly where Radio Insurgente
might be coming from? I was in that part of the world last Fall --
Palenque, Yaxchilan, Bonampak & Tikal. The Mexican Army runs check
points all around Chiapas (they pretty much ignored our busload of
white-haired old turistas). Without any data whatsoever, my first
guess would be Guatemala, just across the Usumacinta River (Harold

Frodge, MI, DX LISTENING DIGEST)

Harold, I haven't seen any speculation (or information) about this. I would think that at one hour per week they could get away with broadcasting from some remote area of Chiapas itself, but maybe not. They do also claim to be running a number of FM transmitters in Chiapas, so if they can do that, why not SW? (Glenn to Harold, via DX LISTENING DIGEST)

** MEXICO. 6010 mix: see COLOMBIA [and non]

** NEW ZEALAND [non]. RNZI A-06 via VT:
9770 1400 1430s Rampisham 40 95 English W EUR
(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06
schedule in dxldyg via DXLD)

i.e. Saturday only. We happen to know this is DRM! That minor detail either never appeared or has been stripped from the original VT schedule in this and all other cases (Glenn Hauser, DX LISTENING DIGEST)

** NIGERIA. 7255, Voice of Nigeria, 2108-2116, escuchada el 19 de Marzo en francés con sintonía y locutora con ID "La radio du Nigéria en français", boletín de noticias internacionales y de África, programa de música local, SINPO 44343.

15120, Voice of Nigeria, 1950-2015, escuchada el 19 de Marzo en inglés a locutor y locutora con boletín de noticias internacionales; Esta emisión se apreció con portadora hasta las 2000 que empieza la emisión acompañada de fuerte zumbido de fondo y muy mala modulación, que hace casi inaudible a la emisora con un SINPO 52242; sin embargo a las 2005 se restablece la emisión y el SINPO mejora hasta dar un 55444 (José Miguel Romero, EA5-1022, Burjasot (Valencia), España, dxldyg via DX LISTENING DIGEST)

** OKINAWA. Discussion of 1000 kW VOA on 1178/1180 kHz: see U S A, R. Marti thread

** PARAGUAY. Desde hace varios meses vengo notando la ausencia de Radio Nacional del Paraguay en la onda corta (9737 kHz). Acabo de visitar su página web en <http://www.rnpy.com/RNP.htm> pero ni mención se hace de las transmisiones al exterior. ¿Alguien sabe algo? 73
(Arnaldo Slaen, BUENOS AIRES, ARGENTINA, March 20, condig list via DXLD) See DXLD 6-033

** PORTUGAL. Radio history: Pictures of old Marconi transmitters at Sines, Radio Renascença equipment and much more interesting stuff: <http://www.filatelia.fi/dx/> (Kai Ludwig, Germany, DX LISTENING DIGEST)

** SENEGAL [non]. WADR A-06: see U K [non]

** SEYCHELLES [non]. FEBA A-06 via VT:

7375	0030	0100	smtwtfs	Tashkent	100	131	Bangla	S	AS
7365	0030	0130	smtwtfs	Erevan	100	125	Tamil	S	AS
9855	0130	0200	smtwtfs	Dhabbaya	250	105	Telegu	S	AS
12035	0200	0245	smtwtfs	Novosibirsk	250	195	Urdu	S	AS
9855	0200	0300	smtwtfs	Dhabbaya	250	45	Dari	ME	
6145	0215	0300	smtwtfs	Dhabbaya	250	70	Sindh	SW	AS
15530	0400	0530	s....fs	Samara	250	188	Arabic	ME	
15530	0400	0500	.mtwt..	Samara	250	188	Arabic	ME	
6125	0445	0500	.....f.	Dhabbaya	250	45	Baluchi	W	AS
6125	0500	0715	.....f.	Dhabbaya	250	300	Sinhala	ME	
15355	1200	1230	smtwtfs	Dhabbaya	250	85	Tibetan	S	AS
12025	1300	1400	smtwtfs	Dhabbaya	250	70	Punjabi	S	AS
9500	1400	1515	smtwtfs	Novosibirsk	250	195	Urdu	S	AS
9530	1400	1500	smtwtfs	Dhabbaya	250	85	Hindi	S	AS
7320	1400	1500	smtwtfs	Irkutsk	250	224	Telegu	S	AS
7320	1500	1545	smtwtfs	Irkutsk	250	224	English	S	AS
9850	1530	1645	smtwtfs	Armavir	100	147	Persian	ME	
11750	1600	1630	smtwtfs	Kigali	250	30	Afar	E	AF
9865	1630	1800	smtwtfs	Kigali	250	30	Somali	E	AF
6180	1700	1730	smtwtfs	Dhabbaya	250	230	Orominya	E	AF
15130	1830	1900	smtwtfs	Ascension	250	70	French	C	AF
9550	1902	2030	smtwtfs	Kigali	250	30	Arabic	ME	
11985	2145	2215	....tf.	Ascension	250	27	Wolof	W	AF HCJB
11760	1600	1630	smtwtfs	Woofferton	300	70	Russian	RUSS	
12025	2100	2200	smtwtfs	Skelton	250	165	Arabic	N	AF KBS
9535	0700	0800	smtwtfs	Skelton	300	110	Korean	EUR	
9770	1430	1500	.....f.	Rampisham	40	95	English	EUR	
15360	1800	1900	smtwtfs	Rampisham	500	62	Russian	RUSS	
6145	1900	2000	smtwtfs	Skelton	250	150	French	EUR	
15365	1900	2000	smtwtfs	Woofferton	300	170	Arabic		
3955	2000	2100	smtwtfs	Skelton	250	106	German	EUR	
3955	2100	2130	smtwtfs	Skelton	250	106	English	EUR	

(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06
schedule in dxldyg via DXLD) SEYCHELLES: for historical reasons only

** SLOVENIA. Hola; Por si alguno tiene inter s, le informo que RADIO
SLOVENIA INTERNATIONAL que, pese a su nombre, emite por 7 frecuencias
de la FM para los extranjeros que visitan este pa s, tiene un club de
oyentes en <http://www.club-rsi.com/index.php?newlang=eng>
y se la puede oir en directo en
<http://helix.rtv slo.si/ramgen/smil/radio/str.smil>
con emisiones en alem n, ingl s e esloveno. Un saludo (Pedro Sedano,
Madrid, Espa a COORDINADOR GENERAL, AER, Noticias DX via DXLD)

** SOUTH CAROLINA. Hi Glenn! I was heading up I-77 when the cab of my truck started heating up unexpectedly. Then I saw the sign, and I knew why. It said ``Walterboro``, and all that heat was probably from Brother what's-his-name, sending the flames of hell, just a-lickin' at my heels (Pete Bentley, DX LISTENING DIGEST)

** SRI LANKA. 7301.5, 13.3 1515, Sri Lanka with muslim music (has been drifting around 7300) 2 LRH (Leif RÅh%ll, Sweden, SW Bulletin March 19, translated by editor Thomas Nilsson for DX LISTENING DIGEST)

** U K [and non]. Hello Glenn: You may already have this info but anyway here it is: Merlin A06 freq. list, BBC, etc. posted today at: <http://www.bclnews.it/a06schedules/merlin.htm> Regards from (Thomas Moyer in Bowmanville, Ont. Canada, DX LISTENING DIGEST)

** U K [non]. NEW ? A-06 VT schedule includes this:
17875 0700 0900 smtwtf Woofferton 300 182 Unknown W AF
17875 0900 1100 smtwtf Woofferton 300 182 Unknown W AF
(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06 schedule in dxldyg via DXLD) Known: Looks like West Africa Democracy Radio, SENEGAL [non], to me (gh, DXLD)

** U K [and non]. MNO A-06 via VT [= Merlin Network One, former name]

6145	0000	0130	smtwtf	Dhabbaya	250	85	Non-Specific	S	AS
9605	0015	0030	smtwtf	Dhabbaya	250	85	Hindi	S	AS
9605	0015	0030	.....s	Dhabbaya	250	85	Hindi	S	AS
7210	0030	0045	smtwtf	Dhabbaya	250	90	Bengali	SE	AS
9605	0030	0045	.....s	Dhabbaya	250	100	Telegu	S	AS
6010	0030	0100	s.....s	Dhabbaya	250	85	English	S	AS
6010	0030	0100	.mtwtf	Dhabbaya	250	85	English	S	AS
15590	1230	1330	smtwtf	Dhabbaya	250	85	Non-Specific	S	AS
15215	1400	1500	smtwtf	Dhabbaya	250	100	Non-Specific	S	AS
9770	1400	1500	s.....	Rampisham	40	95	English	W	EUR
9770	1400	1500	...w...	Rampisham	40	95	English	W	EUR
9770	1500	1600	.....f	Rampisham	40	95	English	W	EUR
7380	1500	1530	smtwtf	Taipei	100	250	Vietnamese	AS	
11695	1600	1630	smtwtf	Dhabbaya	250	85	Non-Specific	S	AS
11950	1800	1830	....t..	Woofferton	300	180	French	N	AF
6045	1900	2000	smtwtf	Skelton	250	165	French	W	EUR
6185	1900	2000	smtwtf	Skelton	250	105	German	W	EUR
6040	2300	2400	smtwtf	Dhabbaya	250	85	Non-Specific	S	AS

(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06 schedule in dxldyg via DXLD) Includes some clandestines. This is where you would expect to find the R. Rep'blica transmissions, if they had not been deleted (gh)

** U K [and non]. BBCWS A-06:

9525	0000	0100	smtwtfs	Ascension	250	235	Spanish	S	AM
6110	0000	0100	smtwtfs	Ascension	250	235	Spanish	S	AM
11765	0000	0100	smtwtfs	Ascension	250	250	Spanish	S	AM
9410	0000	0200	smtwtfs	Cyprus	250	101	English	ME	
5875	0000	0100	smtwtfs	Rampisham	500	260	Spanish	C	AM
5875	0000	0100	smtwtfs	Skelton	300	230	Spanish	S	AM
5970	0000	0100	smtwtfs	A'Seela	250	63	English	S	AS
9790	0000	0100	smtwtfs	A'Seela	250	80	English	S	AS
15360	0000	0300	smtwtfs	Singapore	100	13	English	SE	AS
9580	0000	0030	smtwtfs	Singapore	100	330	Burmese	SE	AS
11850	0000	0030	smtwtfs	Singapore	250	340	Burmese	SE	AS
15280	0000	0530	smtwtfs	Nakhon Sawan	250	40	English	FE	
17615	0000	0030	smtwtfs	Nakhon Sawan	250	25	English	FE	
6065	0000	0030	smtwtfs	Nakhon Sawan	250	325	Burmese	SE	AS
15310	0000	0300	smtwtfs	Nakhon Sawan	250	290	English	S	AS
11955	0000	0100	smtwtfs	Nakhon Sawan	250	275	English	S	AS
6110	0000	0100	smtwtfs	Montsinery	250	295	Spanish	CARIB	
9875	0030	0100	smtwtfs	Cyprus	250	77	Dari	SW	AS
7165	0030	0100	smtwtfs	Cyprus	300	77	Dari	SW	AS
6065	0030	0100	smtwtfs	A'Seela	250	85	Bengali	S	AS
9580	0030	0100	smtwtfs	Singapore	100	330	English	S	AS
11850	0030	0100	smtwtfs	Singapore	250	340	Bengali	S	AS
15215	0030	0100	smtwtfs	Nakhon Sawan	250	25	English	FE	
9570	0030	0100	smtwtfs	Nakhon Sawan	250	325	Bengali	S	AS
9875	0100	0130	smtwtfs	Cyprus	250	77	Pashto	SW	AS
7165	0100	0130	smtwtfs	Cyprus	300	77	Pashto	SW	AS
11955	0100	0300	smtwtfs	A'Seela	250	63	English	S	AS
6065	0100	0130	smtwtfs	A'Seela	250	85	Hindi	S	AS
17790	0100	0300	smtwtfs	Singapore	100	315	English	S	AS
11750	0100	0130	smtwtfs	Singapore	250	315	Hindi	S	AS
13745	0100	0130	smtwtfs	Tashkent	200	131	Hindi	S	AS
15215	0100	0130	smtwtfs	Nakhon Sawan	250	300	Pashto	SW	AS
15510	0100	0130	smtwtfs	Nakhon Sawan	250	305	Hindi	S	AS
9875	0130	0200	smtwtfs	Cyprus	250	77	Dari	SW	AS
7165	0130	0200	smtwtfs	Cyprus	300	77	Dari	SW	AS
11750	0130	0200	smtwtfs	A'Seela	250	50	Urdu	S	AS
6065	0130	0200	smtwtfs	A'Seela	250	50	Urdu	S	AS
15215	0130	0200	smtwtfs	Nakhon Sawan	250	300	Dari	SW	AS
15510	0130	0200	smtwtfs	Nakhon Sawan	250	305	Urdu	S	AS
5995	0200	0300	s.....	Ascension	250	245	English	S	AM
5995	0200	0300	.mtwtfs	Ascension	250	245	English	S	AM
11760	0200	0400	.mtwtfs	Cyprus	250	90	English	W	AS
11760	0200	0330	s.....	Cyprus	250	90	English	W	AS
9875	0200	0230	smtwtfs	Cyprus	250	77	Pashto	SW	AS
6105	0200	0300	smtwtfs	Cyprus	250	101	Arabic	ME	

9680	0200	0230	smtwtfs	Cyprus	300	37	Russian	RUSS
7165	0200	0230	smtwtfs	Cyprus	300	77	Pashto	SW AS
9915	0200	0300	smtwtfs	Cyprus	300	185	Arabic	ME
6005	0200	0300	smtwtfs	Seychelles	250	270	English	E AF
9510	0200	0230	smtwtfs	Rampisham	500	76	Russian	RUSS
9640	0200	0300	.mtwtfs	Skelton	300	230	English	S AM
9640	0200	0300	s.....	Skelton	300	230	English	S AM
7140	0200	0300	smtwtfs	Skelton	300	125	Arabic	ME
11845	0200	0230	smtwtfs	A'Seela	250	10	Russian	RUSS
15215	0200	0230	smtwtfs	Nakhon Sawan	250	300	Pashto	SW AS
5975	0200	0300	.mtwtfs	Montsinery	250	260	English	CARIB
5975	0200	0300	s.....	Montsinery	250	260	English	CARIB
9875	0230	0300	smtwtfs	Cyprus	250	77	Dari	SW AS
7320	0230	0330	smtwtfs	Cyprus	300	89	Farsi	ME
7165	0230	0300	smtwtfs	Cyprus	300	77	Dari	SW AS
11965	0230	0300	smtwtfs	Cyprus	300	77	Dari	SW AS
17710	0230	0300	smtwtfs	Irkutsk	250	224	Hindi	S AS
9565	0230	0300	smtwtfs	Rampisham	500	95	Farsi	ME
11855	0230	0330	smtwtfs	A'Seela	250	335	Farsi	ME
11995	0230	0300	smtwtfs	A'Seela	250	100	Hindi	S AS
15215	0230	0300	smtwtfs	Nakhon Sawan	250	300	Hindi	S AS
15405	0230	0300	smtwtfs	Nakhon Sawan	250	305	Hindi	S AS
9610	0245	0300	smtwtfs	Seychelles	250	270	English	E AF
6050	0300	0330	smtwtfs	Meyerton	500	20	Swahili	E AF
6035	0300	0400	smtwtfs	Meyerton	250	328	English	W AF
3255	0300	0600	smtwtfs	Meyerton	100	0	English	S AF
6190	0300	0600	smtwtfs	Meyerton	100	15	English	S AF
6005	0300	0400	smtwtfs	Ascension	250	114	English	S AF
7160	0300	0600	smtwtfs	Ascension	250	65	English	W C AF
9410	0300	0400	smtwtfs	Cyprus	250	327	English	EUR
12035	0300	0400	smtwtfs	Cyprus	250	173	English	E AF
9680	0300	0400	.mtwtf.	Cyprus	250	7	Russian	RUSS
11965	0300	0330	smtwtfs	Cyprus	250	77	Pashto	SW AS
11740	0300	0445	smtwtfs	Cyprus	250	147	Arabic	ME
7165	0300	0330	smtwtfs	Cyprus	300	77	Pashto	SW AS
7140	0300	2300	smtwtfs	Cyprus	300	173	Arabic	ME
9845	0300	0445	smtwtfs	Cyprus	300	101	Arabic	ME
9515	0300	0400	smtwtfs	Delano	250	125	Spanish	C S AM
5995	0300	0400	smtwtfs	Delano	250	125	Spanish	C S AM
5975	0300	0400	smtwtfs	Delano	250	121	English	C AM
9750	0300	0400	smtwtfs	Seychelles	250	270	English	E AF
9610	0300	0330	smtwtfs	Seychelles	250	270	Swahili	E AF
7210	0300	0330	smtwtfs	Rampisham	500	140	Swahili	E AF
9875	0300	0330	smtwtfs	Rampisham	500	76	Pashto	SW AS
11845	0300	0400	.mtwtf.	Rampisham	500	62	Russian	RUSS
9565	0300	0400	smtwtfs	Rampisham	500	95	Farsi	ME
5875	0300	0330	.mtwtf.	Rampisham	500	62	Russian	RUSS

7325	0300	0400	smtwtfs	Rampisham	500	285	Spanish	C	AM
7325	0300	0400	smtwtfs	Skelton	300	260	Spanish	C	AM
9915	0300	0445	smtwtfs	Skelton	300	150	Arabic	N	AF
6195	0300	0400	smtwtfs	Skelton	300	110	English	EUR	
9915	0300	0445	smtwtfs	Skelton	300	110	Arabic	ME	
15310	0300	0600	smtwtfs	A'Seela	250	63	English	S	AS
15575	0300	0400	.mtwtfs	A'Seela	250	20	English	C	AS
15575	0300	0330	s.....	A'Seela	250	20	English	C	AS
17790	0300	0700	smtwtfs	Nakhon Sawan	250	280	English	S	AS
21660	0300	1030	smtwtfs	Nakhon Sawan	250	45	English	FE	
15360	0300	0500	smtwtfs	Nakhon Sawan	250	150	English	SE	AS
17760	0300	0500	smtwtfs	Nakhon Sawan	250	25	English	FE	
9585	0300	0400	.mtwtf.	Woofferton	300	75	Russian	RUSS	
6110	0300	0400	smtwtfs	Montsinery	250	295	Spanish	CARIB	
11760	0330	0400	s.....	Cyprus	250	90	English	W	AS
11855	0330	0430	smtwtfs	Cyprus	250	77	Farsi	ME	
13645	0330	0430	smtwtfs	Cyprus	300	97	Farsi	ME	
13745	0330	0500	.mtwtf.	Cyprus	300	359	Russian	RUSS	
15420	0330	0600	smtwtfs	Seychelles	250	280	English	E	AF
15180	0330	0600	smtwtfs	A'Seela	250	285	Arabic	ME	
15575	0330	0400	s.....	A'Seela	250	20	English	C	AS
9835	0400	0430	smtwtfs	Meyerton	250	19	Swahili	E	AF
7120	0400	0500	smtwtfs	Meyerton	250	328	English	W	AF
7185	0400	0430	smtwtfs	Ascension	250	85	Swahili	E	AF
6005	0400	0706	smtwtfs	Ascension	250	27	English	W	AF
11760	0400	0500	.mtwtfs	Cyprus	250	90	English	W	AS
11760	0400	0600	s.....	Cyprus	250	90	English	W	AS
6015	0400	0430	.mtwtf.	Cyprus	250	343	Turkish	SE	EUR
12035	0400	0500	smtwtfs	Cyprus	250	173	English	E	AF
11770	0400	0500	.mtwtf.	Cyprus	250	7	Ukrainian	UKR	
15400	0400	0430	smtwtfs	Seychelles	250	270	Swahili	E	AF
9680	0400	0500	.mtwtf.	Rampisham	500	62	Russian	RUSS	
9815	0400	0430	.mtwtf.	Rampisham	500	105	Turkish	SE	EUR
11845	0400	0500	.mtwtf.	Rampisham	500	62	Russian	RUSS	
9565	0400	0430	smtwtfs	Rampisham	500	95	Farsi	ME	
6195	0400	0500	smtwtfs	Rampisham	500	168	English	W	EUR
7325	0400	0600	smtwtfs	Rampisham	500	168	Arabic	N	AF
9410	0400	0500	smtwtfs	Skelton	300	180	English	W	EUR
9410	0400	0500	smtwtfs	Skelton	300	110	English	EUR	
6195	0400	0600	smtwtfs	Skelton	300	110	English	EUR	
9560	0400	0500	.mtwtf.	Skelton	300	90	Ukrainian	UKR	
15575	0400	0600	smtwtfs	A'Seela	250	20	English	C	AS
9410	0400	0500	smtwtfs	Woofferton	300	70	English	RUSS	
9585	0400	0500	.mtwtf.	Woofferton	300	75	Russian	RUSS	
9895	0400	0500	.mtwtf.	Woofferton	300	75	Ukrainian	UKR	
12095	0400	0500	smtwtfs	Woofferton	250	78	English	RUSS	
7205	0430	0500	smtwtfs	Meyerton	500	335	Portuguese	S	AF

6135	0430	0500	smtwtfs	Meyerton	250	32	Portuguese	S	AF
3390	0430	0500	smtwtfs	Meyerton	100	76	Portuguese	S	AF
7105	0430	0500	smtwtfs	Ascension	250	85	French	W	C AF
6035	0430	0500	smtwtfs	Ascension	250	27	French	W	AF
6015	0430	0445	.mtwtf.	Cyprus	250	343	English	C	EUR
6015	0430	0445	s.....s	Cyprus	250	343	English	C	EUR
17885	0430	0500	smtwtfs	Seychelles	250	240	French	E	AF
9815	0430	0445	smtwtfs	Rampisham	500	105	English		EUR
13660	0445	1200	s.....s	Cyprus	250	117	Arabic	ME	
13660	0445	1200	.mtwtfs	Cyprus	250	117	Arabic	ME	
11740	0445	0600	s.....s	Cyprus	300	150	Arabic	ME	
11740	0445	0600	.mtwtfs	Cyprus	300	150	Arabic	ME	
9915	0445	0730	smtwtfs	Skelton	300	180	Arabic	N	AF
11765	0500	0700	smtwtfs	Meyerton	250	328	English	W	AF
11760	0500	0600	.mtwtfs	Cyprus	250	90	English	W	AS
17640	0500	0700	smtwtfs	Cyprus	250	173	English	E	AF
9875	0500	0515	smtwtfs	Cyprus	250	335	Romanian	SE	EUR
9770	0500	0700	.mtwtf.	Cyprus	250	315	Albanian	SE	EUR
15565	0500	0600	smtwtfs	Cyprus	300	359	English	RUSS	
11820	0500	0501	smtwtfs	Cyprus	300	185	Arabic	ME	
17885	0500	0530	s.....s	Seychelles	250	270	English	E	AF
17885	0500	0600	.mtwtf.	Seychelles	250	270	English	E	AF
11840	0500	0700	.mtwtf.	Rampisham	500	115	Albanian	SE	EUR
9915	0500	0600	smtwtfs	Rampisham	500	140	Arabic	N	AF
6195	0500	0600	smtwtfs	Rampisham	500	168	English	W	EUR
9410	0500	0600	smtwtfs	Skelton	300	180	English	W	EUR
9410	0500	0600	smtwtfs	Skelton	300	110	English		EUR
17760	0500	1000	smtwtfs	Singapore	100	13	English	SE	AS
15360	0500	0900	smtwtfs	Singapore	250	25	English	SE	AS
15360	0500	0900	smtwtfs	Singapore	250	135	English	SE	AS
11955	0500	0900	smtwtfs	Nakhon Sawan	250	150	English	SE	AS
12095	0500	0600	smtwtfs	Woofferton	250	78	English	RUSS	
11820	0501	0506	smtwtfs	Cyprus	300	185	Arabic	ME	
11820	0506	0516	smtwtfs	Cyprus	300	185	Arabic	ME	
9875	0515	0530	s.....s	Cyprus	250	335	Romanian	SE	EUR
15400	0530	0600	s.....s	Meyerton	250	7	Kirwanda/Krundi	E	AF
7105	0530	0600	smtwtfs	Ascension	250	55	Hausa	W	AF
6135	0530	0600	smtwtfs	Ascension	250	55	Hausa	W	AF
9610	0530	0600	smtwtfs	Ascension	250	65	Hausa	W	AF
9875	0530	0545	s.....s	Cyprus	250	335	English		EUR
9770	0530	0600	s.....s	Cyprus	250	315	Albanian	SE	EUR
17885	0530	0600	s.....s	Seychelles	250	270	Kirwanda/Krundi	E	AF
11840	0530	0600	s.....s	Rampisham	500	115	Albanian	SE	EUR
11940	0600	1600	smtwtfs	Meyerton	100	15	English	S	AF
6190	0600	1600	smtwtfs	Meyerton	100	0	English	S	AF
7105	0600	0630	smtwtfs	Ascension	250	27	French	W	AF

6105	0600	0630	smtwtfs	Ascension	250	27	French	W	AF
15575	0600	1400	s.....	Cyprus	250	90	English	W	AS
15575	0600	0730	.mtwtf.	Cyprus	250	90	English	W	AS
15575	0600	1400	.....s	Cyprus	250	90	English	W	AS
15405	0600	0630	smtwtfs	Cyprus	250	280	French	N	AF
15180	0600	0900	s.....	Cyprus	300	150	Arabic	ME	
15180	0600	0900	.mtwtfs	Cyprus	300	150	Arabic	ME	
15565	0600	0700	smtwtfs	Cyprus	300	359	English	RUSS	
11680	0600	0800	smtwtfs	Cyprus	300	101	Arabic	ME	
17885	0600	1400	s.....s	Seychelles	250	270	English	E	AF
9470	0600	0800	smtwtfs	Kvitsoy	40	190	English	W	EUR
6195	0600	0700	smtwtfs	Rampisham	500	140	English	W	EUR
11680	0600	0900	smtwtfs	Rampisham	500	168	Arabic	N	AF
13740	0600	0630	smtwtfs	Rampisham	500	168	French	N	AF
7320	0600	1400	smtwtfs	Rampisham	40	80	English	EUR	
9410	0600	0700	smtwtfs	Skelton	300	180	English	W	EUR
9530	0600	0700	smtwtfs	Skelton	300	180	English	W	EUR
15310	0600	1600	smtwtfs	Nakhon Sawan	250	290	English	S	AS
12095	0600	0700	smtwtfs	Woofferton	250	78	English	RUSS	
9610	0630	0700	smtwtfs	Ascension	250	65	English	W	C AF
17695	0700	0730	smtwtfs	Meyerton	500	350	French	C	AF
15105	0700	0730	smtwtfs	Ascension	250	65	French	W	AF
15400	0700	1000	.mtwtf.	Ascension	250	27	English	W	AF
15400	0700	1130	s.....s	Ascension	250	27	English	W	AF
11765	0700	0800	smtwtfs	Ascension	250	27	English	W	AF
17830	0700	0800	smtwtfs	Rampisham	500	169	English	W	EUR
17640	0700	1300	smtwtfs	Skelton	300	140	English	EUR	
15485	0700	1800	smtwtfs	Skelton	300	180	English	W	EUR
17790	0700	1600	smtwtfs	A'Seela	250	63	English	S	AS
11760	0700	1400	smtwtfs	A'Seela	250	320	English	ME	
6005	0706	0721	smtwtfs	Ascension	250	27	English	W	AF
17610	0730	1100	smtwtfs	Skelton	300	150	Arabic	N	AF
17830	0800	1000	.mtwtf.	Ascension	250	65	English	W	C AF
17830	0800	2100	s.....s	Ascension	250	65	English	W	C AF
9410	0800	0900	s.....	Cyprus	250	7	Turkish	SE	EUR
11820	0800	1600	s.....	Cyprus	300	101	Arabic	ME	
11820	0800	1500	.mtwtfs	Cyprus	300	101	Arabic	ME	
17885	0800	1400	.mtwtf.	Seychelles	250	270	English	E	AF
21470	0800	1300	smtwtfs	Seychelles	250	240	English	S	AF
9470	0800	1330	smtwtfs	Kvitsoy	40	190	English	W	EUR
15565	0800	0900	s.....	Rampisham	500	105	Turkish	SE	EUR
15360	0800	1030	smtwtfs	Nakhon Sawan	250	25	English	FE	
17870	0830	0900	smtwtfs	Cyprus	300	77	Dari	SW	AS
15420	0830	0900	smtwtfs	A'Seela	250	35	Dari	SW	AS
15575	0900	1400	.mtwtf.	Cyprus	250	90	English	W	AS

15555	0900	1700	s.....	Cyprus	250	150	Arabic	ME
15555	0900	0930	.mtwtfs	Cyprus	250	150	Arabic	ME
9410	0900	0915	.mtwtf.	Cyprus	250	315	Albanian	SE EUR
17870	0900	0930	smtwtfs	Cyprus	300	77	Pashto	SW AS
13750	0900	0915	.mtwtf.	Rampisham	500	115	Albanian	SE EUR
12010	0900	0915	.mtwtf.	Rampisham	500	115	Albanian	SE EUR
15180	0900	1600	smtwtfs	Rampisham	500	168	Arabic	N AF
15420	0900	0930	smtwtfs	A'Seela	250	35	Pashto	SW AS
9740	0900	1600	smtwtfs	Singapore	250	25	English	SE AS
9740	0900	1600	smtwtfs	Singapore	250	135	English	SE AS
6195	0900	1100	.....s	Singapore	250	90	English	SE AS
6195	0900	1100	.....s	Singapore	250	1	English	SE AS
6195	0900	1100	smtwtf.	Singapore	250	1	English	SE AS
6195	0900	1100	smtwtf.	Singapore	250	90	English	SE AS
6195	0900	1100	.....s	Nakhon Sawan	250	0	English	SE AS
6195	0900	1100	s.....	Nakhon Sawan	250	0	English	SE AS
6195	0900	1100	.mtwtf.	Nakhon Sawan	250	0	English	SE AS
9605	0900	1030	smtwtf.	Yamata	300	290	English	FE
9605	0900	1030	.....s	Yamata	300	290	English	FE
15555	0930	1400	.mtwtfs	Cyprus	250	150	Arabic	ME
12030	0930	1030	.....f.	Cyprus	300	77	Farsi	ME
12030	0930	1030	smtwt.s	Cyprus	300	77	Dari	SW AS
17870	0930	1030	smtwtfs	Cyprus	300	77	Dari	SW AS
9540	0930	1130	.....f.	Dhabbaya	250	0	Farsi	ME
9540	0930	1030	smtwt.s	Dhabbaya	250	0	Dari	SW AS
15420	0930	1000	smtwtfs	A'Seela	250	35	Dari	SW AS
15545	0930	1000	s.....	Singapore	100	315	Burmese	SE AS
12045	0930	1000	s.....	Singapore	250	340	Burmese	SE AS
9760	0930	1000	s.....	Nakhon Sawan	250	325	Burmese	SE AS
15420	1000	1030	smtwtfs	A'Seela	250	35	Dari	SW AS
17760	1000	1300	smtwtfs	Nakhon Sawan	250	25	English	FE
6195	1000	1100	smtwtfs	Montsinery	250	295	English	CARIB
12030	1030	1130	.....f.	Cyprus	300	77	Farsi	ME
17870	1030	1130	smtwtfs	Cyprus	300	77	Pashto	SW AS
15420	1030	1100	smtwtfs	A'Seela	250	35	Pashto	SW AS
15285	1030	1100	smtwtfs	Singapore	100	13	English	SE AS
21660	1030	1100	smtwtfs	Nakhon Sawan	250	25	English	FE
11945	1030	1100	smtwtfs	Nakhon Sawan	250	20	English	FE
9605	1030	1100	smtwtfs	Yamata	300	290	English	FE
17830	1100	2100	.mtwtf.	Ascension	250	65	English	W C AF
15400	1100	1130	.mtwtf.	Ascension	250	27	English	W AF
15530	1100	1130	smtwtfs	Cyprus	250	160	Somali	E AF
11680	1100	1130	smtwtfs	Cyprus	250	335	Romanian	SE EUR
17850	1100	1130	smtwtfs	Cyprus	250	160	Somali	E AF
17585	1100	1630	smtwtfs	Skelton	300	150	Arabic	N AF
15420	1100	1130	smtwtfs	A'Seela	250	35	Pashto	SW AS

15285	1100	1530	smtwtfs	Singapore	100	13	Mandarin	FE
7135	1100	1130	smtwtfs	Singapore	100	140	Indonesian	SE AS
9510	1100	1130	smtwtfs	Singapore	250	90	Indonesian	SE AS
6195	1100	1700	smtwtfs	Singapore	250	1	English	SE AS
6195	1100	1700	smtwtfs	Singapore	250	90	English	SE AS
21660	1100	1300	smtwtfs	Nakhon Sawan	250	25	Mandarin	CHN
11945	1100	1300	smtwtfs	Nakhon Sawan	250	20	Mandarin	CHN
11920	1100	1130	smtwtfs	Nakhon Sawan	250	150	Indonesian	SE AS
7330	1100	1530	smtwtfs	Vladivostok	300	228	Mandarin	FE
9605	1100	1530	smtwtfs	Yamata	300	290	Mandarin	CHN
11865	1100	1300	s.....s	Montsinery	250	295	English	CARIB
11865	1100	1130	.mtwtf.	Montsinery	250	295	English	CARIB
7135	1130	1145	smtwtfs	Singapore	100	13	English	SE AS
11920	1130	1145	smtwtfs	Nakhon Sawan	250	150	English	SE AS
11865	1130	1200	.mtwt..	Montsinery	250	295	English	CARIB
11865	1130	1200	.....f.	Montsinery	250	295	English	CARIB
15190	1200	1300	smtwtfs	Bonaire	250	170	English	S AM
17780	1200	1230	smtwtfs	Ascension	250	27	French	W AF
21640	1200	1230	smtwtfs	Ascension	250	85	French	W C AF
15425	1200	1230	smtwtfs	Rampisham	500	168	French	N AF
13660	1200	1800	smtwtfs	Skelton	300	180	Arabic	N AF
9605	1200	1300	smtwtfs	Okeechobee	100	222	English	C AM
11865	1200	1230	.mtwtf.	Montsinery	250	295	English	CARIB
13755	1230	1345	s.....	Cyprus	250	295	Albanian	SE EUR
12010	1230	1345	s.....	Skelton	300	125	Albanian	SE EUR
11865	1230	1300	.mtwtf.	Montsinery	250	295	English	CARIB
15190	1300	1400	smtwtfs	Bonaire	250	320	English	CARIB
21470	1300	1900	smtwtfs	Ascension	250	114	English	S AF
13605	1300	1330	s.....	Cyprus	300	77	Uzbek	C AS
13605	1300	1330	.mtwtfs	Cyprus	300	77	Uzbek	C AS
11795	1300	1330	smtwtfs	Cyprus	300	77	Uzbek	C AS
15420	1300	1400	smtwtfs	Seychelles	250	280	English	E AF
6090	1300	1530	smtwtfs	Kimjae	250	290	Mandarin	CHN
15390	1300	1330	smtwtfs	Rampisham	500	76	Uzbek	C AS
15565	1300	1600	smtwtfs	Rampisham	500	62	English	RUSS
17640	1300	1600	smtwtfs	Skelton	300	140	English	EUR
6030	1300	1330	smtwtfs	A'Seela	250	290	Indonesian	ME
7135	1300	1330	smtwtfs	Singapore	100	140	Indonesian	SE AS
11945	1300	1330	smtwtfs	Singapore	250	90	Indonesian	SE AS
9540	1300	1330	smtwtfs	Singapore	250	140	Indonesian	SE AS
11750	1300	1400	smtwtfs	Nakhon Sawan	250	25	English	FE
7105	1300	1530	smtwtfs	Nakhon Sawan	250	20	Mandarin	CHN
6035	1300	1330	smtwtfs	Nakhon Sawan	250	150	Indonesian	SE AS
17640	1300	1600	smtwtfs	Woofferton	300	70	English	RUSS
12095	1300	1500	.....s	Woofferton	250	140	English	EUR
13755	1315	1345	.mtwtfs	Cyprus	250	295	Albanian	SE EUR

12010	1315	1345	.mtwtfs	Skelton	300	125	Albanian	SE	EUR
15105	1330	1345	smtwtfs	Ascension	250	55	English	W C	AF
21640	1330	1345	smtwtfs	Ascension	250	65	English	W C	AF
7465	1330	1800	smtwtfs	Kvitsoy	40	190	English	W	EUR
11835	1330	1400	smtwtfs	Singapore	250	330	Bengali	S	AS
9865	1330	1400	smtwtfs	Tashkent	200	131	Bengali	S	AS
7225	1330	1400	smtwtfs	Nakhon Sawan	250	305	Bengali	S	AS
17810	1345	1415	smtwtfs	Ascension	250	55	Hausa	W	AF
15105	1345	1415	smtwtfs	Ascension	250	55	Hausa	W	AF
21640	1345	1415	smtwtfs	Ascension	250	65	Hausa	W	AF
17675	1345	1430	smtwtfs	Rampisham	500	76	Burmese	SE	AS
7135	1345	1430	smtwtfs	Singapore	100	340	Burmese	SE	AS
9540	1345	1430	smtwtfs	Singapore	250	340	Burmese	SE	AS
11945	1345	1430	smtwtfs	Singapore	250	340	Burmese	SE	AS

15575	1400	1500	s.....	Cyprus	250	90	English	W	AS
15575	1400	1500	.mtwtf.	Cyprus	250	90	English	W	AS
15575	1400	1500	.....s	Cyprus	250	90	English	W	AS
15555	1400	1700	.mtwtfs	Cyprus	250	150	Arabic	ME	
11845	1400	1700	.mtwtf.	Cyprus	250	7	Russian	RUSS	
21490	1400	1500	smtwtfs	Cyprus	250	160	Somali	E	AF
21660	1400	1500	.mtwtfs	Cyprus	250	175	English	E	AF
21660	1400	1700	s.....	Cyprus	250	175	English	E	AF
13610	1400	1500	smtwtfs	Cyprus	300	77	Dari	SW	AS
9635	1400	1700	.mtwtf.	Cyprus	300	359	Russian	RUSS	
9585	1400	1430	s.....s	Cyprus	300	7	Ukrainian	UKR	
11690	1400	1500	smtwtfs	Seychelles	250	300	Somali	E	AF
15420	1400	1500	smtwtfs	Seychelles	250	295	Somali	E	AF
13645	1400	1430	s.....s	Rampisham	500	76	Ukrainian	UKR	
13745	1400	1700	.mtwtf.	Rampisham	500	62	Russian	RUSS	
11885	1400	1430	s.....s	Rampisham	500	76	Ukrainian	UKR	
7320	1400	1800	smtwtfs	Rampisham	40	80	English	EUR	
6195	1400	1500	smtwtfs	Skelton	300	110	Dari	W	EUR
6140	1400	1500	s.....	A'Seela	250	60	Hindi	S	AS
6140	1400	1445	.mtwtfs	A'Seela	250	60	Hindi	S	AS
15160	1400	1500	s.....	A'Seela	250	100	Hindi	S	AS
15160	1400	1445	.mtwtfs	A'Seela	250	100	Hindi	S	AS
11920	1400	1445	smtwtfs	Singapore	100	315	Hindi	S	AS
9865	1400	1445	smtwtfs	Tashkent	200	131	Hindi	S	AS
11750	1400	1500	smtwtfs	Nakhon Sawan	250	25	English	FE	
7205	1400	1500	s.....	Nakhon Sawan	250	305	Hindi	S	AS
7205	1400	1445	.mtwtfs	Nakhon Sawan	250	305	Hindi	S	AS
11665	1400	1500	smtwtfs	Nakhon Sawan	250	305	Dari	SW	AS
12095	1400	1500	smtwtf.	Woofferton	250	140	English	EUR	
15245	1400	1700	.mtwtf.	Woofferton	250	70	Russian	RUSS	
17675	1430	1445	.....s	Rampisham	500	76	Burmese	SE	AS
11945	1430	1445	.....s	Singapore	100	340	Burmese	SE	AS
7135	1430	1500	smtwtfs	Singapore	100	13	Vietnamese	SE	AS

5990	1430	1500	smtwtfs	Singapore	250	13	Vietnamese	SE	AS
9795	1430	1445	.....s	Singapore	250	340	Burmese	SE	AS
9540	1430	1500	smtwtfs	Singapore	250	13	Vietnamese	SE	AS
6140	1445	1500	.mtwtfs	A'Seela	250	60	English	S	AS
15160	1445	1500	.mtwtfs	A'Seela	250	100	English	SE	AS
7205	1445	1500	.mtwtfs	Nakhon Sawan	250	305	English	S	AS
11690	1500	1530	smtwtfs	Meyerton	500	5	English	E	AF
15400	1500	2300	smtwtfs	Ascension	250	27	English	W	AF
9915	1500	1600	smtwtfs	Cyprus	250	77	Pashto	SW	AS
11945	1500	1530	smtwtfs	Cyprus	250	77	Tajik	C	AS
5875	1500	1600	smtwtfs	Cyprus	250	7	Turkish	SE	EUR
21660	1500	1700	.mtwtfs	Cyprus	250	175	English	E	AF
15160	1500	1600	smtwtfs	Cyprus	300	97	Urdu	SW	AS
11820	1500	1600	.mtwtfs	Cyprus	300	101	Arabic	ME	
9695	1500	1530	smtwtfs	Seychelles	250	270	English	E	AF
15420	1500	1530	smtwtfs	Seychelles	250	280	English	E	AF
15575	1500	1600	smtwtfs	Rampisham	500	80	Pashto	SW	AS
15300	1500	1530	.mtwtf.	Rampisham	500	76	Tajik	C	AS
11800	1500	1530	smtwtfs	Rampisham	500	105	Romanian	SE	EUR
13610	1500	1600	smtwtfs	Rampisham	500	105	Turkish	SE	EUR
6195	1500	1600	smtwtfs	Skelton	300	110	Pashto	W	EUR
15335	1500	1600	smtwtfs	Skelton	300	110	Turkish	SE	EUR
5965	1500	1600	smtwtfs	A'Seela	250	50	Urdu	S	AS
9510	1500	1600	smtwtfs	Singapore	100	315	Urdu	S	AS
5975	1500	1600	smtwtfs	Singapore	250	320	English	S	AS
11685	1500	1530	smtwtfs	Singapore	250	320	Nepali	S	AS
7430	1500	1530	smtwtfs	Tashkent	200	131	Nepali	S	AS
11750	1500	1600	smtwtfs	Nakhon Sawan	250	25	English	FE	
7205	1500	1545	smtwtfs	Nakhon Sawan	250	305	Urdu	S	AS
9705	1500	1530	smtwtfs	Nakhon Sawan	250	305	Nepali	S	AS
12095	1500	1600	smtwtfs	Woofferton	250	140	English	EUR	
12095	1500	1600	smtwtfs	Woofferton	250	78	English	RUSS	
6140	1515	1545	smtwtfs	A'Seela	250	110	Sinhala	S	AS
9645	1515	1545	smtwtfs	Singapore	100	270	Sinhala	S	AS
11690	1530	1630	.mtwtf.	Meyerton	500	7	Swahili	E	AF
11690	1530	1615	s.....s	Meyerton	500	7	Swahili	E	AF
9695	1530	1615	s.....s	Seychelles	250	270	Swahili	E	AF
9695	1530	1630	.mtwtf.	Seychelles	250	270	Swahili	E	AF
15420	1530	1615	s.....s	Seychelles	250	280	Swahili	E	AF
15420	1530	1630	.mtwtf.	Seychelles	250	280	Swahili	E	AF
11685	1530	1545	smtwtfs	Singapore	250	320	English	S	AS
9705	1530	1545	smtwtfs	Nakhon Sawan	250	305	English	S	AS
6140	1545	1615	smtwtfs	A'Seela	250	110	Tamil	S	AS
9645	1545	1615	smtwtfs	Singapore	100	270	Tamil	S	AS
7205	1545	1615	smtwtfs	Nakhon Sawan	250	255	Tamil	S	AS
3255	1600	2200	smtwtfs	Meyerton	100	0	English	S	AF

6190	1600	2200	smtwtfs	Meyerton	100	15	English	S	AF
9410	1600	1700	smtwtfs	Cyprus	250	327	English	EUR	
11845	1600	1900	s.....s	Cyprus	250	7	Russian	RUSS	
9915	1600	1615	smtwtfs	Cyprus	250	77	Dari	SW	AS
9535	1600	1700	s.....s	Cyprus	300	7	Ukrainian	UKR	
9635	1600	1900	s.....s	Cyprus	300	359	Russian	RUSS	
9635	1600	2000	.....s	Cyprus	300	359	Russian	RUSS	
11820	1600	1800	smtwtfs	Cyprus	300	101	Arabic	ME	
12090	1600	1630	smtwtfs	Moscow	250	117	Uzbek	C	AS
17885	1600	1800	smtwtfs	Rampisham	500	189	English	W	EUR
13745	1600	1900	s.....s	Rampisham	500	62	Russian	RUSS	
13670	1600	1700	s.....s	Rampisham	500	76	Ukrainian	UKR	
17630	1600	1630	smtwtfs	Rampisham	500	80	Uzbek	C	AS
15380	1600	1800	smtwtfs	Rampisham	500	92	Farsi	ME	
15180	1600	1700	smtwtfs	Rampisham	500	168	Arabic	N	AF
6195	1600	1700	smtwtfs	Skelton	300	110	Farsi	W	EUR
17790	1600	1700	smtwtfs	Skelton	300	95	English	EUR	
11740	1600	1700	s.....s	Skelton	300	95	Ukrainian	UKR	
11945	1600	1630	smtwtfs	A'Seela	250	10	Uzbek	C	AS
6090	1600	2000	smtwtfs	A'Seela	250	335	Farsi	ME	
9615	1600	1630	smtwtfs	Singapore	100	320	Uzbek	C	AS
3915	1600	1800	smtwtfs	Singapore	100	340	English	S	AS
9510	1600	1800	smtwtfs	Singapore	250	315	English	S	AS
7160	1600	1800	smtwtfs	Singapore	250	1	English	SE	AS
5975	1600	1830	smtwtfs	Nakhon Sawan	250	290	English	S	AS
13610	1600	1800	smtwtfs	Nakhon Sawan	250	300	Farsi	ME	
11955	1600	1800	smtwtfs	Nakhon Sawan	250	290	English	S	AS
7105	1600	1615	smtwtfs	Nakhon Sawan	250	305	Dari	SW	AS
9410	1600	1800	smtwtfs	Woofferton	300	75	English	RUSS	
15105	1600	1800	smtwtfs	Woofferton	300	170	English	W	EUR
12095	1600	1700	smtwtfs	Woofferton	250	140	English	EUR	
15245	1600	1800	s.....s	Woofferton	250	70	Russian	RUSS	
12095	1600	1700	smtwtfs	Woofferton	250	78	English	RUSS	
11690	1615	1700	s.....s	Meyerton	500	5	English	E	AF
9915	1615	1700	smtwtfs	Cyprus	250	77	Pashto	SW	AS
13685	1615	1630	smtwtfs	Cyprus	250	77	Pashto	SW	AS
9695	1615	1700	s.....s	Seychelles	250	270	English	E	AF
15420	1615	1700	s.....s	Seychelles	250	280	English	E	AF
11690	1630	1700	.mtwtf.	Meyerton	500	7	Kirwanda/Krundi	E	AF
13685	1630	1700	smtwtfs	Cyprus	250	77	Pashto	SW	AS
9535	1630	1700	.mtwtf.	Cyprus	300	7	Ukrainian	UKR	
9695	1630	1700	.mtwtf.	Seychelles	250	270	Kirwanda/Krundi	E	AF
15420	1630	1700	.mtwtf.	Seychelles	250	280	English	E	AF
12090	1630	1700	.....s	Moscow	250	117	Russian	C	AS
12090	1630	1633	s.....s	Moscow	250	117	Russian	C	AS
13670	1630	1700	.mtwtf.	Rampisham	500	76	Ukrainian	UKR	
11680	1630	2000	smtwtfs	Rampisham	500	168	Arabic	N	AF
11740	1630	1700	.mtwtf.	Skelton	300	95	Ukrainian	UKR	

6030	1630	2000	smtwtfs	A'Seela	250	305	Arabic	ME
9605	1630	1700	smtwtfs	Singapore	100	340	Bengali	S AS
7205	1630	1700	smtwtfs	Singapore	250	340	Bengali	S AS
5990	1630	1700	smtwtfs	Nakhon Sawan	250	305	Bengali	S AS
12090	1633	1700	s.....	Moscow	250	117	Russian	C AS
11945	1700	1900	smtwtfs	Meyerton	250	19	English	E AF
9410	1700	1800	smtwtfs	Cyprus	250	327	English	EUR
6195	1700	1800	smtwtfs	Cyprus	250	343	English	C EUR
9915	1700	1800	smtwtfs	Cyprus	250	147	Arabic	ME
6050	1700	1730	smtwtfs	Cyprus	250	295	Albanian	SE EUR
9570	1700	1730	smtwtfs	Cyprus	250	37	Azeri	C AS
5875	1700	1730	smtwtfs	Cyprus	300	47	Azeri	C AS
6005	1700	1746	smtwtfs	Seychelles	250	270	English	E AF
9630	1700	1746	smtwtfs	Seychelles	250	270	English	E AF
15180	1700	1800	smtwtfs	Rampisham	500	168	Arabic	N AF
6195	1700	1800	smtwtfs	Rampisham	500	168	English	W EUR
6195	1700	1800	smtwtfs	Rampisham	500	168	English	W EUR
11920	1700	1730	smtwtfs	Skelton	300	125	Albanian	SE EUR
11855	1700	1730	smtwtfs	Skelton	300	90	Azeri	C AS
13650	1700	1730	smtwtfs	Skelton	300	125	Albanian	SE EUR
6065	1700	1730	smtwtfs	A'Seela	250	60	Hindi	S AS
7205	1700	1730	smtwtfs	Singapore	250	315	Hindi	S AS
11690	1700	1730	smtwtfs	Nakhon Sawan	250	280	Hindi	S AS
9605	1700	1730	smtwtfs	Nakhon Sawan	250	305	Hindi	S AS
15220	1700	1701	smtwtfs	Woofferton	300	128	Arabic	ME
12095	1700	1800	smtwtfs	Woofferton	250	78	English	RUSS
15220	1701	1706	smtwtfs	Woofferton	300	128	Arabic	ME
15220	1706	1716	smtwtfs	Woofferton	300	128	Arabic	ME
9525	1730	1746	smtwtfs	Meyerton	500	335	English	W AF
7230	1730	1746	smtwtfs	Meyerton	500	20	English	E AF
3390	1730	1746	smtwtfs	Meyerton	100	76	English	S AF
6050	1730	1745	.m.w...	Cyprus	250	295	English	W EUR
11920	1730	1745	.m.w...	Skelton	300	125	English	EUR
13650	1730	1745	.m.w...	Skelton	300	125	English	EUR
6065	1730	1800	smtwtfs	A'Seela	250	50	Urdu	S AS
7205	1730	1800	smtwtfs	Singapore	250	315	Urdu	S AS
11690	1730	1800	smtwtfs	Nakhon Sawan	250	280	Urdu	S AS
9605	1730	1800	smtwtfs	Nakhon Sawan	250	305	Urdu	S AS
7230	1746	1800	smtwtfs	Meyerton	500	20	Swahili	E AF
6005	1746	1800	smtwtfs	Seychelles	250	270	Swahili	E AF
9630	1746	1800	smtwtfs	Seychelles	250	270	Swahili	E AF
5985	1800	1830	smtwtfs	Meyerton	250	76	French	S AF
15105	1800	1830	smtwtfs	Ascension	250	65	French	W AF
17885	1800	1830	smtwtfs	Ascension	250	27	French	W AF
21630	1800	1830	smtwtfs	Ascension	250	70	French	W C AF
9410	1800	1900	smtwtfs	Cyprus	250	327	English	EUR

6195	1800	1900	smtwtfs	Cyprus	250	343	English	C	EUR
9915	1800	2100	smtwtfs	Cyprus	250	147	Arabic	ME	
7325	1800	2000	.....s	Cyprus	250	359	Russian	RUSS	
7325	1800	1900	s.....	Cyprus	250	359	Russian	RUSS	
6050	1800	1830	smtwtfs	Cyprus	250	335	Romanian	SE	EUR
9915	1800	2100	smtwtfs	Cyprus	300	280	Arabic	N	AF
6005	1800	1830	smtwtfs	Seychelles	250	300	Somali	E	AF
9630	1800	1830	smtwtfs	Seychelles	250	295	Somali	E	AF
15180	1800	1830	smtwtfs	Rampisham	500	168	French	N	AF
6195	1800	1900	smtwtfs	Rampisham	500	168	English	W	EUR
15380	1800	1830	smtwtfs	Skelton	300	125	Somali	E	AF
17795	1800	2000	smtwtfs	Skelton	300	180	English	W	EUR
13660	1800	1900	smtwtfs	Skelton	300	180	Arabic	N	AF
9510	1800	1830	smtwtfs	Singapore	250	315	English	S	AS
13610	1800	2000	smtwtfs	Nakhon Sawan	250	300	Farsi	ME	
11825	1800	2000	smtwtfs	Nakhon Sawan	250	305	Farsi	ME	
6005	1830	2100	smtwtfs	Seychelles	250	270	English	E	AF
9630	1830	2100	smtwtfs	Seychelles	250	270	English	E	AF
12045	1830	2000	smtwtfs	Nakhon Sawan	250	325	English	S	AS
12095	1900	2100	smtwtfs	Ascension	250	114	English	S	AF
9410	1900	2000	smtwtfs	Cyprus	250	327	English	EUR	
6195	1900	2100	smtwtfs	Cyprus	250	295	English	W	EUR
5875	1900	2000	.....s	Cyprus	250	359	Russian	RUSS	
9605	1900	2000	.mtwtf.	Cyprus	250	7	Ukrainian	UKR	
13745	1900	2000	.mtwtf.	Rampisham	500	76	Ukrainian	UKR	
11845	1900	2000	.....s	Skelton	300	70	Russian	RUSS	
11990	1900	2000	.mtwtf.	Skelton	300	95	Ukrainian	UKR	
15105	1915	1930	smtwtfs	Ascension	250	65	English	W	C AF
17885	1915	1930	smtwtfs	Ascension	250	27	English	W	AF
15105	1930	2000	smtwtfs	Ascension	250	65	Hausa	W	AF
11855	1930	2000	smtwtfs	Ascension	250	55	Hausa	W	AF
17885	1930	2000	smtwtfs	Ascension	250	55	Hausa	W	AF
6050	1930	2000	.mtwtf.	Cyprus	300	7	Turkish	SE	EUR
11720	1930	2000	.mtwtf.	Skelton	300	110	Turkish	SE	EUR
9410	2000	2100	smtwtfs	Cyprus	250	327	English	EUR	
11680	2000	2100	smtwtfs	Rampisham	500	168	Arabic	N	AF
13660	2000	2200	smtwtfs	Skelton	300	180	Arabic	N	AF
6030	2000	2200	smtwtfs	A'Seela	250	305	Arabic	ME	
7205	2030	2100	smtwtfs	Meyerton	500	335	Portuguese	S	AF
6135	2030	2100	smtwtfs	Meyerton	250	32	Portuguese	S	AF
3390	2030	2100	smtwtfs	Meyerton	100	76	Portuguese	S	AF
11855	2030	2100	smtwtfs	Ascension	250	27	Portuguese	W	AF
13745	2030	2100	smtwtfs	Rampisham	500	189	Portuguese	W	AF
15105	2030	2100	smtwtfs	Skelton	300	195	Portuguese	W	AF
9915	2100	2300	smtwtfs	Cyprus	300	280	Arabic	N	AF

11675	2100	2130	.mtwtf.	Greenville	250	146	English	C S	AM
6005	2100	2200	smtwtfs	Seychelles	250	240	English	S	AF
12095	2100	2300	smtwtfs	Rampisham	500	180	English	W	EUR
5875	2100	2300	smtwtfs	Rampisham	500	105	Arabic	ME	
11680	2100	2300	smtwtfs	Skelton	300	180	Arabic	N	AF
3915	2100	2200	smtwtfs	Singapore	100	340	English	S	AS
5965	2100	2400	smtwtfs	Nakhon Sawan	250	45	English	FE	
6195	2100	2200	smtwtfs	Nakhon Sawan	250	150	English	SE	AS
11945	2100	2200	smtwtfs	Yamata	300	290	English	FE	
15390	2100	2200	s.....s	Montsinery	250	295	English	CARIB	
15390	2100	2130	.mtwtf.	Montsinery	250	295	English	CARIB	
11720	2130	2145	..t..f.	Rampisham	500	209	English	S	AM
15390	2130	2200	.mtwtf.	Montsinery	250	295	English	CARIB	
9580	2200	2330	smtwtfs	Kimjae	250	285	Mandarin	CHN	
13790	2200	2330	smtwtfs	A'Seela	250	50	Mandarin	CHN	
7105	2200	2300	smtwtfs	A'Seela	250	90	English	S	AS
5955	2200	2300	smtwtfs	Singapore	100	13	English	SE	AS
3915	2200	2300	smtwtfs	Singapore	100	160	Indonesian	SE	AS
7275	2200	2300	smtwtfs	Singapore	100	140	Indonesian	SE	AS
9740	2200	0100	smtwtfs	Singapore	250	25	English	SE	AS
9740	2200	0100	smtwtfs	Singapore	250	135	English	SE	AS
6080	2200	2300	smtwtfs	Singapore	250	140	Indonesian	SE	AS
6195	2200	0200	smtwtfs	Singapore	250	90	English	SE	AS
6195	2200	0200	smtwtfs	Singapore	250	1	English	SE	AS
9610	2200	2300	smtwtfs	Nakhon Sawan	250	20	Mandarin	CHN	
7160	2200	2300	smtwtfs	Nakhon Sawan	250	40	Mandarin	CHN	
11980	2200	2330	smtwtfs	Nakhon Sawan	250	25	Mandarin	CHN	
9730	2200	2300	smtwtfs	Nakhon Sawan	250	150	Indonesian	SE	AS
11945	2200	2300	smtwtfs	Yamata	300	290	Mandarin	CHN	
5975	2200	0100	smtwtfs	Montsinery	250	295	English	CARIB	
9760	2215	2245	s....fs	Cyprus	250	315	Greek	SE	EUR
7210	2215	2245	s....fs	Cyprus	250	314	Greek	SE	EUR
6180	2215	2245	s....fs	Cyprus	250	314	Greek	SE	EUR

3915	2300	0030	smtwtfs	Singapore	100	160	English	SE	AS
11685	2300	2330	smtwtfs	Singapore	250	13	Vietnamese	SE	AS
6080	2300	2330	smtwtfs	Singapore	250	13	Vietnamese	SE	AS
11900	2300	2400	smtwtfs	Nakhon Sawan	250	45	English	FE	
7105	2300	2330	smtwtfs	Nakhon Sawan	250	0	Vietnamese	SE	AS
11955	2300	2400	smtwtfs	Nakhon Sawan	250	150	English	SE	AS
11945	2300	0030	smtwtfs	Yamata	300	290	English	FE	
9580	2330	2400	smtwtfs	Kimjae	250	285	English	FE	

(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06 schedule in dxldyg via DXLD)

** UNITED NATIONS [non]. UN RADIO A-06 via VT:

11715	1700	1715	.mtwtf.	Meyerton	500	340	Non-Specific	S	C	AF
6055	1700	1715	.mtwtf.	Meyerton	100	76	Non-Specific	S		AF
11665	1700	1715	.mtwtf.	Skelton	300	180	Non-Specific	N		AF
7150	1730	1745	.mtwtf.	Meyerton	100	5	Non-Specific	E		AF
17810	1730	1745	.mtwtf.	Ascension	250	65	Non-Specific	W	C	AF
15495	1730	1745	.mtwtf.	Skelton	300	110	Non-Specific			ME
17560	1830	1845	.mtwtf.	Rampisham	500	169	Non-Specific	N		AF
15105	1830	1845	.mtwtf.	Skelton	300	110	Non-Specific			ME

(via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06 schedule in dxldyg via DXLD) Non-specific?? We happen to know that it's 1700 French, 1730 English, 1830 Arabic (gh, DXLD)

** U S A. SHARING HF SPECTRUM HAS WORKED FOR 20 YEARS!

Doug Garlinger, President, NASB

<http://www.shortwave.org/sharedspectrum.htm>

The viability of the U.S. private shortwave broadcaster depends upon the availability of suitable frequencies for international broadcasting. In 1980, there were only four private shortwave broadcasters licensed in the United States and its territories. In the mid-80s, there were calls for a moratorium on further licensing of private shortwave broadcasters due to a world-wide frequency shortage. Fortunately, no moratorium occurred, and the private shortwave industry has grown steadily through the strategic use of in-band and out-of-band frequencies.

An examination of the current A05 HFCC schedule will reveal that approximately 40% of the frequency-hours used by U.S. private broadcasters are out-of-band frequencies authorized on a non-interference basis. It is a concept based on the sharing of HF spectrum that has worked well for twenty years. In the last year, however, there have been numerous instances of stations being displaced from out-of-band frequencies that were shared by the private broadcaster for many years. This is a tremendous hardship on any station. It is particularly difficult for a small 100 kW (or less) station that relies upon out-of-band frequencies to allow their signals to arrive at their target areas without the competition of strong co-channel or adjacent channel interference from powerful government-funded international broadcast stations.

A few private broadcasters have 250 kW and 500 kW transmitters with sophisticated antenna arrays that allow greater flexibility in the choice of frequencies and can compete with government broadcasters in the selection of suitable in-band frequencies. However, even these more powerful private broadcasters sometimes use out-of-band frequencies due to the intense competition in the international frequency coordination process. Nearly all of the twenty-five private broadcasters use out-of-band frequencies for a portion of their

broadcast day and some smaller stations use out-of-band frequencies exclusively.

Two primary factors threaten the continued use of out-of-band frequencies. One is the natural technological advancement in HF Communications techniques that will result in more intensive use of the available spectrum. HF e-mail and other digital data technologies will present new pressures for spectrum use by Fixed Services and Land, Aeronautical and Maritime Mobile Services. It may be several years before the analysis of these needs can be properly placed in a document for consideration at a WRC conference.

The greater threat to the continued use of out-of-band frequencies is the result of the terrorist attacks of September 11, 2001. Several U.S. government agencies are drafting plans to protect America from future attacks by reclaiming HF spectrum previously shared with U.S. private shortwave broadcasters. The Department of Defense, Homeland Security, Federal Emergency Management Agency (FEMA), the Justice Department and other local jurisdictions are rediscovering HF. Many of these government agencies are re-asserting their inherent right to these out-of-band frequencies whether they actually need them or not. There is no effective argument to be made by a private broadcaster that can trump the national security interest.

Many out-of-band frequencies are being lost. It is increasingly difficult or impossible for the private broadcaster to find a new one. The status quo has that has served us so well for the last twenty years was forever changed by the events of September 11th. In WRC-03, the NASB supported efforts to expand the in-band HF broadcast spectrum between 4 and 10 MHz by at least 250 kHz. The catch-22 in supporting such expansion is that if successful, the result may be the curtailment of the authorization of any out-of-band frequencies. The cure could be as bad as the illness.

Opponents of expanded frequencies for HF broadcasters are carefully searching the shortwave bands and comparing the actual frequencies used with the HFCC coordinated database. Whenever an unused frequency is found that has been coordinated for use; it gives ammunition to these opponents that the industry does not need additional frequencies. It is vitally important that all broadcasters actually use all the frequencies they have coordinated. These unused frequencies known as ``wood`` should be released in the database to other users.

It should be noted, that in the event of a national emergency that results in the activation of the Emergency Alert System (EAS); all U.S. licensed private shortwave broadcasters are required to cease transmission during the period of an Emergency Action Notification

(EAN) issued by the White House. In addition, the FCC can order any station to leave the air on an individual basis at any time. Shared out-of-band frequencies used by private broadcasters can be made immediately available to government agencies if the need arises.

The National Association of Shortwave Broadcasters must have a voice in forums that will affect our future. This point was stressed during discussions at our annual meeting in Washington. We plan to participate in the IWG-4 meetings to develop the U.S. position for WRC-07. On June 16th, our legal counsel Ed Bailey represented NASB at the IWG-4 meeting in Washington DC. In the future, the NASB intends to send a representative to as many meetings as possible.

As the IWG-4 meetings progress, the NASB must determine the likelihood of U.S. government support for band expansion. We must preserve the availability of spectrum for our use in the solar minima of the next sunspot cycle. We must determine the continued viability of out-of-band authorizations and work to protect our shared use of those frequencies on a non-interfering basis as we have for the last twenty years (NASB via DXLD)

**** U S A. MUSIC TIME IN AFRICA (VOA) SCHEDULE CHANGE**

Matthew Lavoie announced today on MTIA that starting April 2 they will be playing the shows, which were previously two separate half-hour shows, back-to-back twice on Sundays, at 0900 and again at 1930 UT. They will also be repeating Sunday's programs on the following Saturdays at the same times.

I get the show at 1930 on 17895 // 15240 here in central Pennsylvania USA. I think the show has improved somewhat since Lavoie replaced Rita Rochelle as the announcer. Lavoie seems more knowledgeable about the music and provides more background information about what he is playing. Leo Sarkesian still is active as the "Senior Music Man", and they usually play some of his field recordings in the first segment of the program.

I have gotten myself on their mailing list and have received two mailings from the show recently. One envelope contained a 2006 VOA calendar and program guide (Scott Walker, New Cumberland PA USA, March 19, swprograms via DXLD)

I'm surprised! I thought that the VOA stopped sending *anything* to domestic US addresses via postal mail some years ago. We couldn't even get schedules in print form.

Did they resume sending stuff out officially or do correspondents with US postal addresses sometimes get things and usually not, or does it

depend on what office or program-producer within the VOA you are corresponding with, or perhaps if the writer states that he is within the US temporarily but really is a foreign resident?

With the budget difficulties, I'm surprised that the VOA would have loosened the restrictions. I thought that they used the no-domestic-distribution legal restriction they operate under as a justification to basically ignore any US-citizen communications. (Maybe this was an "official" attitude but the real people producing the programs appreciated audience response even if it was from someone not in the target audience?) 73, (Will Martin, MO, ibid.) You ask too many questions |:0 (gh)

My guess is that this is the reason I got lucky and received some information from them. 73 (Scott Walker, ibid.)

** U S A. Radio Marti - 1180 never has run 100 kW on a continuous basis. Has 2 x 50-kW transmitters that they alternate unless one's down for repair. Radio Marti has the odd practice of closing down ALL transmitters, that means all SW transmitters and the 1 MW, from 0000-0500 [ET] Monday Morning. A throwback to the 60's and the time that Radio Marti - 1180 is taken down for weekly maintenance. In other words, the Whole Dern Radio Marti network goes down just for Radio Marti - 1180.

Every twice-yearly SW change of frequencies and hours circus time, somebody at Greenville always misinterprets the new HFBC sked and puts 1 or 2 transmitters on the air at what would be 0400 Monday and wonders, and calls Washington as to why Radio Marti isn't sending programming. Well, the sked just changed....and you guys got it wrong again! Lordy, how many times did I tune up 9865 or 9565 at 0500 Monday and got silence. And then it dawned on me that it would be 0600 that Radio Marti - 1180 would start because of the international sked change. Sigh, gotta get up and go shut down the [bad word] transmitter! When will we learn?

Leonor and I rode the US-1 highway down the Keys twice. And it is the simple truth that in broad daylight, e.g. 1300 local, that we couldn't hear Radio Marti - 1180 on a good car radio until the four towers were coming into sight!! All because of the directivity of the pattern and the intense jamming out of La Havana on the frequency. Call-in programs on Radio Marti (call-ins from Cuba) say that 1180 still makes it into Cuba clearly in a lot of places --- if you use a set with a ferrite loopstick to null the nearest jammer. 73 de (Charlie Retired VOA Transmitter Troll Taylor, IRCA via DXLD)

Charlie, A few years back I started seeing that Radio Marti/VOA was listed as 100 KW. So they aren't using it? I did hear it is a tight

pattern. By your comment, it must be. Then from Oregon, that is a pretty good catch I would say. I did not know it was that tight. That reminds me of the stories I heard about VOA 1178 Okinawa. I heard you could not hear the station on the other side of the island from Naha. Now that is one tight pattern, especially running 1,000,000 watts! (Patrick Martin, OR, *ibid.*)

Nope. And it's NOT VOA. Radio Marti is a sister subagency to VOA under IBB. Studio is in Miami. Uses IBB/VOA transmitters and pays for power and personnel.

Sad we lost it [Okinawa megawatt]. One of the younger site assistant supervisors of VOA-1178 Okinawa became my transmitter site supervisor at Greenville and tried his best to get me to quit. He's dead now (not my doing) and so I have no further use for him. About not being to hear it in Naha?? Probably an exaggeration. In the Philippines, I could always hear VOA-1140 anywhere I went on Luzon while it was on its Viet Nam pattern (Charlie Taylor, *ibid.*)

I was on Okinawa 1976-79 and my first "official" station log was VOA-1180 (later 1178) near Okuma (resort area). My location was south of the prefectural capital city of Naha (more or less: 26-12-01 N 127-41-51 E) and it was an easy log. Same for the VOA-Philippines on 1140. Days of yore (Mike Hardester, *ibid.*)

Charlie, I have been checking the current job openings for the Broadcasting Board of Governors (VOA, Radio and TV Marti, and various support elements) weekly for years. I find it to be an interesting insight as to what the agency is doing. For example, VOA recently hired a number of TV producers and TV tech support personnel in the DC area. So they are ramping up for something involving video.

The Office of Cuba Broadcasting in Miami presently has an opening for an Electronics Technician. One of the KSA requirements is a knowledge of aerostat-based TV broadcast transmission. I had heard rumors that the TV Marti aerostat in the Keys was destroyed by Katrina / Rita and would not be replaced. This job opening seems to contradict that rumor (Pat Griffith, CO, *ibid.*)

Pat Griffith, Everything is moving toward satellite, VOA-TV and Worldnet (Not really sure what Worldnet was. Maybe IBB-TV) Maybe VOA-TV will replace Worldnet.

Anyway, just like BBC, VOA is cutting back on SW broadcasting. For a major part of the developed world, SWBC is gone. Whose grandkids listen to SW (or AM, for that matter)? It's either satellite or TV or Internet.

That leaves vast stretches of South America and Africa unaccounted for. Well, even outback Brazil has cellular telephone, satellite dishes everywhere, and the Internet. And VOA dropped Portuguese to Brazil [net LA-3] years ago. Only the poor outbackers lack that stuff. Once you factor out Brazil, the rest of South America gets to be nearly irrelevant outside the cities.

Africa is different. However, the telephone system in Africa was mostly nonexistent. Now cellular telephone has leapfrogged Africa into being interconnected with the rest of the world without copper wire systems. Even the poor can buy cellular phones. As the price of PCs and satellite continue to drop, at least villages will be able to have PCs and satellite TV in community centers.

So the only real use BBC and VOA have for SWBC remains outback Spanish-speaking South America, Africa and China.

I can't speak for Asia, but China and India are headed in the same direction. Everything electronic is made in China and all kinds of services that require a good knowledge of English are moving to India and Pakistan.

I guess China remains a prime SWBC target because they STILL don't carry VOA local-placement programs and they try to control the Internet. But the PRC Chinese middle class grows and grows and there's not a damned thing that the PRC government can do about the PRC Chinese middle class getting satellite access.

So eventually, SWBC will get to become passé for PRC.

I'm an AM/MW DXer till I die, and just twixt you and me, Pat, I'm an Internet hog. Satellite is going to kill MWBC once enough old, ignorant, undereducated, non-Élite geezers like me decide to listen to [shudder] RUSH LIMBAUGH on satellite or DSL Internet.

IBOC? Nice idea but already gone the way of the crystal radio. Technology leapfrogs over IBOC. When am I going to buy an IBOC AM or FM receiver? Never. I'll get DSL Internet or subscribe to the relevant satellite stuff B4 I buy one-a them-thar IBOC doodaddies.

I think that's that hopeless TV-Martí. A TV station with no transmitter. TV-Martí goes out on satellite and is available to everyone except the target area. I'll bet TV-Martí on satellite is popular. But not in Cuba. As long as TV-Martí uses a flying balloon transmitter with a low power, it'll never count for dogpoop. Wait 'til Castro croaks! 73 de (Charlie Taylor, IRCA via DXLD)

★★ U S A [non]. TWR A-06 via VT:

13745 1300 1315fs Kigali 250 30 Afar E AF
 12035 1800 1830 s.....s Dhabbaya 250 225 Non-Specific E AF
 12035 1800 1815 .mtwtf. Dhabbaya 250 225 Non-Specific E AF
 12035 1830 1845 s..... Dhabbaya 250 225 Non-Specific E AF
 (via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06
 schedule in dxldyg via DXLD)

** U S A [non]. WYFR A-06 via VT:

3955 0400 0500 smtwtf Skelton 250 106 German W EUR
 15520 1400 1500 smtwtf Dhabbaya 250 85 Hindi S AS
 15520 1500 1600 smtwtf Dhabbaya 250 85 English S AS
 15520 1600 1700 smtwtf Dhabbaya 250 85 English S AS
 21680 1700 1800 smtwtf Ascension 250 85 English E AF
 13700 1700 1800 smtwtf Rampisham 500 105 Arabic ME
 3955 1700 1800 smtwtf Skelton 250 106 English W EUR
 13780 1800 1900 smtwtf Rampisham 500 105 English ME
 13720 1800 1900 smtwtf Skelton 300 140 Arabic N AF
 3230 1900 2100 smtwtf Meyerton 100 0 English S AF
 15165 1900 2000 smtwtf Rampisham 500 105 Arabic ME
 7380 1902 2002 smtwtf Meyerton 250 19 Swahili E AF
 15195 2000 2100 smtwtf Ascension 250 85 English E AF
 11985 2030 2130 smtwtf Ascension 250 27 French W AF
 6045 2100 2200 smtwtf Meyerton 250 19 English S AF
 15195 2100 2200 smtwtf Ascension 250 85 English E AF
 11875 2115 2315 smtwtf Ascension 250 65 English C AF
 (via Alokesh Gupta, New Delhi, India, from full VT Merlin A-06
 schedule in dxldyg via DXLD)

** U S A. By the way, speaking of Allan Weiner WorldWide, I *did*
 try to hear the scheduled 1900 UT Sunday broadcast repeat of Friday's
 AWWW, which I had missed due to being out at that time Friday evening,
 but there was nothing but noise on 7415 kHz here in St. Louis at that
 time. This is unusual -- I can usually get 7415 here in mid-afternoon
 up thru most of the evening. Last week's AWWW was an old repeat; did
 anyone on the group listen this Friday (UT Saturday)? Was it a new
 one? 73, (Will Martin, MO, March 19, dxldyg via DX LISTENING DIGEST)

** U S A. Zero signal from WBCQ 7415 and WRMI 9955 UT Mon March 20
 around 0515, and thus no WORLDS OF RADIOS to be heard. Here's why:

Solar-terrestrial indices for 19 March follow. Solar flux 75 and mid-
 latitude A-index 33. The mid-latitude K-index at 0600 UTC on 20 March
 was 5 (75 nT). Space weather for the past 24 hours has been minor.
 Geomagnetic storms reaching the G1 level occurred. Space weather for
 the next 24 hours is expected to be minor. Geomagnetic storms reaching
 the G1 level are expected (SEC via DXLD)

** U S A [and non]. AFN / AFRTS: AM, FM, SWBC and TV

Current Shortwave High Frequencies for American Forces Network via the below website. Keep checking this web page <http://myafn.dodmedia.osd.mil/radio/shortwave/> for the posting of new frequencies and transmitters when they become available.

Location	Daytime	Nighttime
All frequencies USB		
Diego [sic] Garcia	12579	4319
Guam	13362	5765
Keflavik, Iceland	13855 and 7590	same as daytime
Pearl Harbor, Hawaii	10320	6350
Key West [sic], FL	12133.5, 7812.5 and 5446.5	same as daytime

QSL --- If you would like to submit a shortwave reception report and request a QSL verification card please send your request directly to Navy Uplink Reception at QSL @ dodmedia.osd.mil

SHORTWAVE

Shortwave broadcasts the AFN Interruptible Voice Channel (IVC). To look at a schedule go to <http://myafn.net/radio/afn%20schedules>

The IVC is often interrupted with live sport events. For a current sport schedule go to <http://myafn.net/radio/sports>

For information on AM / FM / and TV outlets, use this link:

<http://myafn.dodmedia.osd.mil/affiliates/index.asp>

(via Mike Hardester, Jacksonville, North Carolina, March 20, DX LISTENING DIGEST)

Unfortunately, the SW frequency list is NOT kept up to date; there have been some new ones reported lately, e.g. 9340, and 410something, yet to appear there (Glenn Hauser, DX LISTENING DIGEST)

** U S A. Re 6-047 (bye-bye, Rush)... ...and don't let the door hit you on the fanny on your way out. I would LOVE to believe Rush got canned for political reasons, but have a feeling it was ratings pure and simple. Perhaps, tho, 'BAL senses --- please, please --- a shift in the political wind which has not yet reached us here in chilly Western New York. 73, Glenn, es tn timer again de (Anne Fanelli in Elma, NY, March 20, DX LISTENING DIGEST)

** U S A. Here at NERW, we like rumors and unsubstantiated message-board postings as much as the next radio column. But we've learned

over the years to be suspicious of rumors planted by those with an axe to grind, which is why we've largely steered clear of much of the gossip surrounding Air America and WLIB (1190 New York). Whatever may, or may not, be happening with the relationship between the network and its New York flagship, which is leased from Inner City Broadcasting Corp., it won't be happening at the end of March, as the rumors had claimed. Last week, Air America put out a press release announcing that it had extended its lease with WLIB until August, and that "over the next several months, Air America and Inner City will seek to enhance and extend their long-term relationship."

While the message-board crowd has been parsing that wording to death, the word we're getting is that both sides are serious about keeping Air America programming in place on 1190, and that we'll know more well before the current deal expires August 31. Stay tuned...

On the public radio side of the fence, WNYC (820) has its signal back to normal after suffering transmission-line damage from a fire in the Meadowlands a week ago. The station has also shuffled its schedule a bit, moving News and Notes with Ed Gordon from 9 AM to 10 PM, adding Open Source with Christopher Lydon at 9 PM and putting an hour of BBC news on at 9 AM (Scott Fybush, NE Radio Watch March 20 via DXLD)

**** U S A. LOCAL RADIO STATIONS NOT PLAYING OUR SONG**

By Bob Caudle, The [which?] Morning News

<http://www.nwaonline.net/articles/2006/03/19/opinion/73opbcaudle.txt>

In case of inclement weather, head to the lowest level of your house with a long extension cord and your TV. Because local radio stations will tell you nothing. Oh, if you're lucky, one of them might be playing songs from "Gone With the Wind."

It seems our "local" radio stations can't afford to staff the stations during the weekends. Ironically, the two biggest "local" radio stations are owned by Cumulus Broadcasting and Clear Channel Communications. One guesses that means they only operate during fairly good weather.

A manager for Cumulus said the company's five FM stations and two AM stations have the ability to break into evening automated programming. But this happened on a Sunday. No word about breaking into weekend programming.

Clear Channel, which owns four FM stations in the area, didn't return the newspaper's phone calls Wednesday. That's enough time for Clear Channel officials to have scampered out of their storm cellars and back to a phone line.

Perhaps they could just send us clues over the airwaves ... play "Oklahoma."

One doesn't really want to go to the storm cellar, click on the radio for weather information and hear Eddy Rabbit singing, "I Love a Rainy Night," while the roof is flying off one's house.

How about just playing, "We're Only Here to Take Your Money, We Don't Care About Your Community." That would at least tell the truth.

Let me make this clear: This is in no way to minimize the people who suffered property and physical damage to the tornados last weekend. It is, however, intended to unmercifully maximize the question of how, with all the technology available today, a commercial area the size of Northwest Arkansas can't get one person into a radio station to at least yell, "Take Cover."

To complicate matters, the cable TV system's warning signal, designed to rollover to emergency broadcasting, didn't. Most of the towns in Northwest Arkansas are hooked to the same cable system.

Many of the smaller communities, and some of the larger ones, had to rely on their residents hearing a siren over the wail of the wind. (They're still ahead of Springdale's storm warning system. We don't know a tornado's coming our way until we see a little girl in pigtails running past the house, yelling, "Toto, come back.")

Of course, the area's TV stations will interrupt coverage if a rain drop hits Fort Smith. Why? Because all but one of them are based in Fort Smith.

To their credit, all offered a warning of potential tornadoes on the ground last weekend in Northwest Arkansas. A couple of them were a little late on the draw, though.

But let a raindrop hit a sidewalk in Fort Smith and our "weather teams" are Johnny on the spot. "We're here, live, where the raindrop hit. You can tell the exact spot it hit because the concrete is darker in this one area than the surrounding concrete."

Then, they digress into something like the interviews on the Ray Stevens' song, "The Streak." "Excuse me sir, did you see what happened?" They'll flash a graphic underneath the guy, "Saw raindrop hit." "Yeah, I did. I wuz standin' over there, loosenin' my lugnuts, looked up and saw it comin'. I hollered over at Ethel, I said, 'Don't look, Ethel.' But it wuz too late. She'd already seen it splat."

They'll go back to the raindrop on the sidewalk, then back to the

eyewitness. "So, when you realized there was going to be a raindrop falling, did you take cover?" "Nah, I called the kids outside to watch it." "What did it sound like?" "It kinda sounded like a real, loud splat. You know, like a drop of water hittin' cement."

As I say every springtime, it's not the size of your Doppler that counts -- it's how you use it (via Brock Whaley, DXLD)

NOT EXACTLY YOUR LOCAL DJ

That is the title of an interesting article by Joyzelle Davis in the Mile High Tech section of the Rocky Mountain News today. It is about Jones Radio located in the Denver suburb of Centennial. The article says that Jones syndicates DJ hosted programs delivered by satellite in 11 formats. They employ nearly 100 DJs and provide programming for 2,500 stations. The article talks about how the programs are carefully crafted to sound like local content and how they are very careful to not reveal to the audience that the programs do not originate locally. It says that most of their clients are in small to medium sized markets.

I found it interesting that the stations do not pay for using the service. They only have to provide two minutes per hour in which Jones can insert commercials sold through their New York based advertising sales firm. That makes the service affordable for even the smallest stations.

Jones started this service in 1989. Hoover's lists Jones Radio's 2005 sales at \$56.8 million.

An interesting side note is that Jones' studios are located a short distance from one of the largest live concert venues in the Denver area. Big name artists often stop by the studios to be interviewed on the air since Jones provides a nationwide outlet to a large audience. This can cause problems on a local level since listeners think that the big name personality is actually at their local radio station. The article says that sometimes the local radio stations are swamped by fans hoping to see one of their favorite stars as they leave the studio (Patrick Griffith, Westminster, CO
<http://community.webtv.net/NONNK/> <http://community.webtv.net/AM-DXer/>
IRCA via DXLD)

** U S A. The reason that long time non-commercial AM KKSU vanished is because the egocentric testosterone poisoned athletic department at Kansas State U. didn't realize or didn't care that the contract for the 580 share time with WIBW Topeka was based on carriage of the KSU sports broadcasts by WIBW. So the dimwit jock bureaucracy signed up a new athletic contract with someone other than WIBW and suddenly KSU no

longer was able to own its part of the share time agreement and KKSU turned into toast. Another example of why the athletic departments of major universities, particularly public ones, should all be fired or at least be castrated to reduce their testosterone level to high normal (anon., DX LISTENING DIGEST)

** U S A. KKHK, Kansas City KS, 1250, also on 1242 and 1258 kHz, 2/28 at 0840 EST, plus and minus 8 kHz from fundamental with usual Spanish programming. 1250 was quite strong on peaks; interestingly, no carriers were detected on the spurs (John Wilkins, Wheat Ridge CO, Domestic DX Digest, NRC DX News March 20 via DXLD)

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UNSOLICITED TESTIMONIALS

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Much of what we're hearing this week may be gone as SWBCers switch from winter to summer schedules on March 26. Between ILG, WRTH (including supplement on the website) and Passport, we have a fairly good look at winter schedule ... but much of it may be useless in a week or so. We look to Glenn Hauser to keep us up to date. It'll be interesting to see how quickly the ILG list updates.

[Later:] Though I've dabbled in SWBC off and on since 1950, it's been several years since I've tuned HF on a semi-systematic, organized basis, so my knowledge is far less precise than it should be. Of course, we're at the low ebb of the sunspot cycle as far as SWBC DX is concerned, so signals from many of the international broadcasters are much weaker than they used to be ... On the other hand, access to timely information is much more readily available, thanks to several good websites, including the truly yeoman love-of-the-hobby information old friend Glenn Hauser compiles and provides (John Callarman, Krum, Texas, ABDX via DXLD)

His WOR podcast is a real boon to me. I love it (Kevin Redding, ibid.)

PUBLICATIONS

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NEW PACIFIC ASIA SHORTWAVE GUIDE ON-LINE

New Pacific Asia Log [PAL] Shortwave Guide

Over 1600 shortwave frequencies from the Pacific-Asia region are included in this new guide now on line at <http://www.radioheritage.net>

It follows the same format as the existing mediumwave guide, with

information about station locations, transmitter power, current broadcast schedules and languages, and also includes the target area for transmissions.

The FREE guide can be searched by frequency or location, and a downloadable version will be available later.

The Pacific-Asia region is undergoing a slight resurgence in shortwave broadcast activity as Australia, New Zealand and the Solomon Islands add new DRM transmitters. China has just commissioned 100 new highpower shortwave transmitters.

Interested in shortwave broadcasting within the region? Then the new PAL Shortwave Guide is great news! Users are encouraged to send in updates, correct errors and add other information of use to everyone.

The shortwave guide is part of the highly successful PAL guide series edited by Bruce Portzer available only at <http://www.radioheritage.net>

A freely available service of the Radio Heritage Foundation, supported by donations from listeners and others worldwide.

Warm regards (David Ricquish, Radio heritage Foundation  
<http://www.radioheritage.net> March 20, DX LISTENING DIGEST)

RADIO EQUIPMENT FORUM  
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AM DOWN THE ROAD

The nation is moving very rapidly toward universal wireless broadband. Just as many people have opted to drop their wired house phone for a cellular unit, I suspect even DSL and cable internet will gradually be supplanted by wireless. My formerly-wired office number is now on my cell phone. I don't regret that for an instant.

At some point, portable access to streaming content will be available to a very large segment of the population. Why would someone listen to an AM or even FM signal when a clear quality stream has the same content? I hear rumblings that Apple is deep into creation of a WiFi-enabled iPod. Take the WiPod, connect to a stream, and you can listen anywhere.

When a significant portion of the country is served by WiFi, or whatever the next couple generations up is called, transmitters simply won't have a lot of value. HD Radio is limited to a couple of different content streams and a slowish bit rate. Internet streaming is limited only by the imagination of the programmer.

All this will be driven by the need/desire for email and web access. Audio streaming will simply tag along for the ride. But it will be there! (Craig Healy, Providence, RI, IRCA via DXLD)

I think the answer to that question right now would be local content - whether that's news, weather, sports, talk or entertainment. I see no reason why that same content couldn't someday also tag along - in fact a lot of the larger all-news stations ( who don't have to worry about artist royalties etc. ) are broadcasting on the web, so that's just a matter of waiting for more available and generalized WiFi. I know there are lots of places I go where there are still no WiFi signals to be found when I scan - mostly just some hotels and of course coffee shops (Russ Edmunds, Blue Bell, PA ( 360' ASL ), ibid.)

The same local content will be available on the stream. One of my clients does exactly that in several different flavors of stream. Complete with the local weather and news. From what I have read, there's an initiative to have the whole state of RI covered with WiFi or greater access. And at this moment, anyone in RI and most of SE MA can get the Verizon or Sprint mobile wireless. It's here right now. I could buy a PC/MIA wireless access card, plug it into my laptop and route that audio out into my truck radio auxiliary input. Now (Craig Healy, RI, ibid.)

Right. In the case of Sprint, for \$15/month, you can get unlimited broadband (600-700 kbps average) access for a cell phone. Even if you don't like the streaming audio services that are included in the Power Vision bundle, you still can listening to streams from many other radio stations simply by visiting their Web sites via the phone's browser and seeing whether they offer a stream that works with your phone's media player. Granted, most people probably wouldn't buy a phone and plan just for streaming radio on the go. But if you already have the hardware and service for other reasons, it's nice icing on the cake (Tim Kridel, ibid.)

DIGITAL BROADCASTING  
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MARTIN: FCC TO ACT SOON ON IBOC

Sigh... Another FCC slam-dunk I guess. This guy is just another cheerleader it would seem ---

<http://www.rwonline.com/dailynews/one.php?id=8702>

(Russ Johnson, IRCA via DXLD) Wants all-HD on AM all the time (gh)

Russ, This is not a surprise. But I hope any stations that are QRMed complain loud & long, including Canadians, Mexicans, or anyone else

that suffers from the noise. If they get enough complaints, IBOC will be gone. 73, (Patrick Martin, OR, ibid.)

The end? Not at all. Many people besides DXers listen to stations at night as well as those more than a few miles distant. They're quite savvy, contrary to monopolistic poltroons who mistake consumer kindness for stupidity. This disingenuous kleptocratic jamming scheme will fail. CabalBOC knows it. It's why their cheerleading is so frenetic. It's why they hire all manner of sock puppets to hard-sell this RF sludge-spreader to a public they've sorely underestimated. =Z.= (Paul Vincent Zecchino, Manavitriol Key, FL, ibid.)

#### DRM IN OZ

Just before the end of last year, I sold all my existing receivers to get the WinRadio G303i - this is one hell of a good receiver, but more about that at another time. As a bonus it is DRM ready, needing only to purchase some decoding software from Merlin for ~\$70. Because DRM transmissions are such low power, and most originate in Europe for Europe, they are not all that easy to pick up here. Hopefully this will change when RNZI finally starts up. I have only been able to pick up 2 transmissions reliably -

- 1) 7240 KHz Radio Nederland (40 W power!) 0700-0800 UT
- 2) 7265 KHz DW (200 W) 0630-0730 UT.

There are easily found DRM schedules on the internet which list many more transmissions, but they are either at times I haven't listened or are at times when propagation is bad. If you put "NZ DRM" into your search engine, you should get onto a website of a NZ guy who lists transmissions that he has received. That is how I got on to my frequencies. Once you latch onto a good DRM transmission, the quality is superb - CD quality - no noise whatsoever. But the downside is that if the signal strength is not high enough, audio dropouts occur and you get nothing. But I find that in practice this is not as bad a listening to a faint noisy signal on an AM transmission. The DRM signal does occupy a bit of bandwidth though - on the G303i's signal scope you see a square wave frequency display extending +/- 6 kHz either side of the centre frequency. Regards, (Eric Gauja, NSW, ARDXC via DXLD) Those are kW, not watts in the DRM schedule! (gh, DXLD)

These web sites have some good info. <http://www.drm.org/>  
<http://www.fineware-sw1.com/drm.html>

(Bill Nollman, Farmington, CT, WTFDA-AM via DXLD)

Especially the latter tho not updated in over a year; similar: (gh, DXLD) More DRM at NEW ZEALAND; PUBLICATIONS

Colegas: Link intessante...

<http://paginas.terra.com.br/lazer/py4zbz/hamdream.htm>  
73!!! (JOSE ANTONIO, Juiz de Fora/MG, radioescutas via DXLD)

PROPAGATION  
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#### PERFECT DISASTER: SOLAR STORM

A new Discovery Channel ``documentary`` airs Sunday night, UT March 20, at 0300 and 0700 UT, in the ``Perfect Disaster`` series: Solar Storm: one synopsis at [zap2it.com](http://zap2it.com) says ``New York braces for a solar storm`` while the DSC website is only slightly more informative:

``DSC ó Perfect Disaster --- Solar Storm --- Beneath the boiling surface of the sun lies an unseen force that could throw the modern world back to the Stone Age. Can we survive the ultimate Solar storm?``

Somehow, I don't think this will be much about shortwave fadeouts and other propagational anomalies, but might relate to that and be somewhat amusing. More repeats are already scheduled for UT April 14 at 0000 and 0400; times are for Eastern feed we get here; I assume there is also a delayed Western feed (Glenn Hauser, OK, DX LISTENING DIGEST)

[Later:] I did watch it; rather hyped and overblown docu-drama as the alarmist DSC things tend to be, but I suppose --- hope --- it is based on sound science. The initial grabber, where a satellite plunges into a cemetery without warning, is nonsense. CMEs causing satellite orbits to decay would be much more incremental, and the falling satellites would surely be tracked and the likely impact spots predicted. Or is the idea that the satellites' positioning systems would be blown haywire and would knock themselves out of orbit? (Glenn Hauser, OK, DX LISTENING DIGEST) ###